

BULLETIN No. 8.

U. S. DEPARTMENT OF AGRICULTURE.

DIVISION OF POMOLOGY.

G. B. BRACKETT, POMOLOGIST.

REVISED

CATALOGUE OF FRUITS

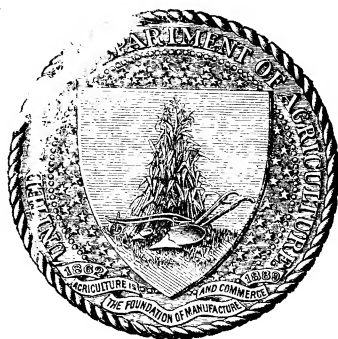
RECOMMENDED FOR CULTIVATION IN THE VARIOUS
SECTIONS OF THE UNITED STATES AND
THE BRITISH PROVINCES

BY THE

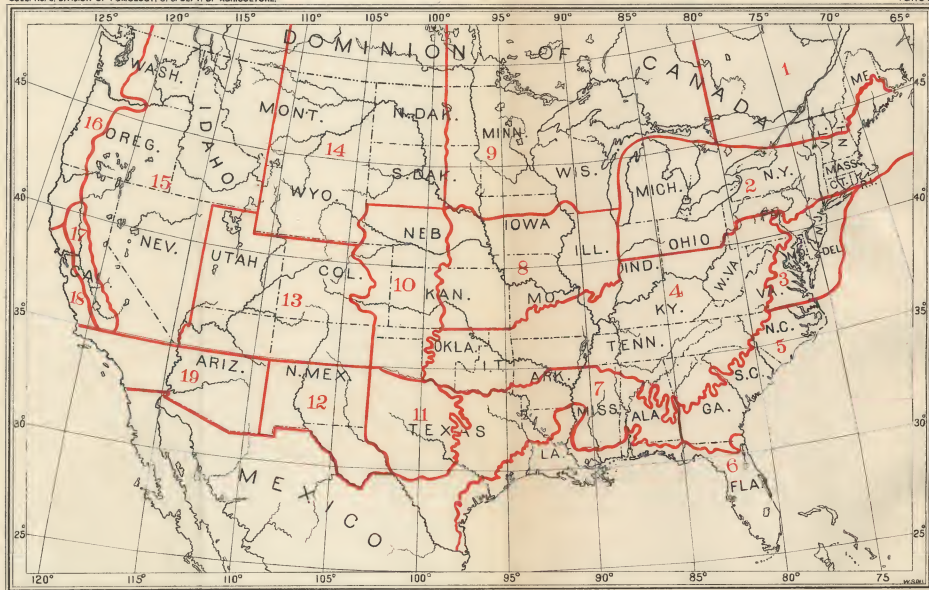
AMERICAN POMOLOGICAL SOCIETY.

REVISED BY A COMMITTEE OF THE SOCIETY,

W. H. R. CHAIRMAN.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1899.



MAP SHOWING POMOLOGICAL DISTRICTS.

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W. H. RAGAN, CHAIRMAN.



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LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
DIVISION OF POMOLOGY,
Washington, D. C., June 15, 1899.

SIR: In my letter of transmittal of August 18, 1897, accompanying the matter embraced in Bulletin No. 6 of this Division, the mutual arrangement that had been entered into between the Department of Agriculture and the American Pomological Society was fully set forth. The relationship thus established still exists, and the bulletin has been carefully revised and compiled for publication under the joint auspices of the Society and the Division. I now, therefore, have the honor to submit to you this revision, and trust that you may authorize its early publication.

As heretofore this revision has been made by a regularly appointed committee of the American Pomological Society, of which Prof. W. H. Ragan is chairman, and Mr. T. T. Lyon, Prof. E. J. Wickson, Prof. C. S. Crandall, Mr. Silas Wilson, and Mr. L. A. Berckmans are members.

Owing to the varied conditions of soil, climate, and elevation of the Pacific coast region it was thought advisable to make a special investigation of the pomological conditions in that section, and Prof. E. J. Wickson, of California, was accordingly appointed a special agent of this division for that purpose, and to him special credit is due for his valuable services rendered.

While it is manifestly impossible to construct a general fruit list that will constitute an infallible guide to the planter, it is hoped and believed that this revised catalogue of fruits will be of service to him in the selection of varieties adapted to his own locality.

With the above explanations I have the honor to recommend the publication of this catalogue as Bulletin No. 8 of this Division.

Very respectfully,

G. B. BRACKETT, *Pomologist.*

Hon. JAMES WILSON,
Secretary of Agriculture.

In accordance with agreement, publication as recommended is hereby authorized.

JAMES WILSON,
Secretary of Agriculture.

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INTRODUCTION.

The Revised Catalogue of Fruits prepared under the joint auspices of the American Pomological Society and the Division of Pomology of the United States Department of Agriculture is herewith submitted.

In making this revision the chairman of the committee on revision has availed himself of the experience of his able predecessor, Hon. T. T. Lyon, and, through correspondence, of many practical pomologists. Many sources of information have been sought and repeated efforts have been made to secure accurate and conservative opinions on the merits of varieties and their adaptability to the several districts. But notwithstanding these efforts the chairman of your committee is aware that this revision is not without defects.

The highest aim and desire of your committee has been to present reliable data concerning the behavior of varieties in various sections of our country. If this desire has not been realized it has been largely due to the difficulties experienced in outlining districts sufficiently homogeneous in soil, climate, and other important features, and in securing responses to the numerous inquiries sent out to practical fruit growers. While these difficulties have been quite real, it is yet due the fruit growers to say that they are as a class very generous in giving out information gathered through their experience.

Actuated by a desire to make the work as reliable as possible and therefore a safe guide to planters and others seeking such information, the work of this revision has been done at Washington, where easy access could be had to the library and records of the Division of Pomology as well as opportunity for frequent consultations with the Pomologist and his corps of assistants. All uncertainties of origin, nomenclature, etc., have been carefully investigated with a view to arriving at correct conclusions.

The general plan of the Catalogue is based on that of its immediate predecessor, which was largely the work of that eminent pomologist, the former chairman of your committee on revision, Hon. T. T. Lyon, of Michigan. The districts have been somewhat changed in boundaries and increased in number, in order, if possible, to conform more closely to practical as well as scientific principles. The map has also been enlarged and the boundaries of the districts made more distinct.

In view of the lack of knowledge on the part of any but a resident expert concerning the behavior of varieties and the true status of fruit

growing in that section of our country bordering on the Pacific coast, Prof. E. J. Wickson, of the University of California, was appointed by the Pomologist to prepare that portion of the Catalogue which is embraced in districts Nos. 15, 16, 17, 18, and 19, and this revision is based almost wholly on his report. The thanks of your committee are extended to Professor Wickson for his valuable services.

The list of public-spirited fruit growers generously contributing assistance is too large to attempt individual acknowledgment, but on behalf of the Society and its committee, I feel bound to refer especially to the invaluable aid of Colonel Brackett and his able assistant, Mr. William A. Taylor.

Respectfully submitted.

W. H. RAGAN, *Chairman.*

PLAN OF THE CATALOGUE.

This catalogue embraces species and varieties of fruits and nuts recommended for cultivation in the United States and the British American Provinces. These are arranged alphabetically in three divisions, as follows:

Division 1. Species and varieties mainly adapted to culture in the Northern and Middle States of the Union and in adjacent portions of the British Provinces.

Division 2. More southern, tropical, and subtropical species and varieties.

Division 3. Species indigenous and introduced, not included in the foregoing, which have not deviated under cultivation so far from their original types as to have deserved varietal names.

Varieties known to succeed in a given district are indicated by an asterisk (*); if highly successful, by two asterisks (**); if considered promising, by a dagger (†); if tested and found undesirable, by a dash (—); and if not reported on, by a dotted line (. . .). These conclusions are not, however, to be accepted as absolutely correct and infallible, but rather as reflections of the opinions and experiences of practical fruit growers within the district. On account of the extended range of the districts and of the varying soil and climatic conditions the above caution must be kept in mind in considering the recommendations made in this catalogue. No planter should attempt to follow its markings absolutely, but should rely rather largely upon the experience of others and a correct knowledge of his own location and environment within the district.

Following the rules and recommendations of the American Pomological Society (which see, p. 162), prefixes, suffixes, secondary words and apostrophic or possessive terminations, together with words whose significations are expressed in the descriptive columns, are eliminated from the names of varieties when not required to insure their identity, and such words when used are italicized. Synonyms are also italicized and included within parentheses. Foreign names of varieties are only anglicized in the interest of brevity or for convenience of pronunciation.

The entire territory represented is divided into nineteen pomological districts, with little regard to State or provincial boundaries, but with primary reference to the influence of latitude, elevation, prevailing

winds, and oceanic and lacustrine exposures upon their adaptation to pomological pursuits (see map).

Size and quality, as usually expressed in pomological phraseology, are stated in the tabulations of varieties upon the scale of 1 to 10, as follows:

Scale of size and quality.

Size.	Scale.	Quality.
Very small.....	1	Very poor.
Small	2-3	Poor.
Small to medium.....	3-4	Poor to good.
Medium	5-6	Good to very good.
Medium to large.....	7-8	Very good.
Large.....	8-9	Very good to best.
Very large.....	10	Best.

District No. 1.—Maine above 500 feet elevation; New Hampshire, Vermont, and New York north of latitude 44°; Ontario north of Lake Simcoe and east of longitude 80°; Quebec, New Brunswick, and Prince Edwards Island. The dominant natural feature of this district is the St. Lawrence Valley. Many of the hardier fruits flourish within its borders.

District No. 2.—Nova Scotia; Maine below 500 feet elevation; New Hampshire and Vermont south of latitude 44°; Massachusetts; Rhode Island; Connecticut; New York south of latitude 44°, except Long Island; northern New Jersey above 500 feet elevation; Pennsylvania east of the Susquehanna River and above 500 feet elevation, north of latitude 41° west to the Allegheny River, and all of that portion of the State lying north of the Ohio River; Ohio and Indiana north of latitude 40°; and the lower peninsula of Michigan. The Annapolis Valley of Nova Scotia, the North Atlantic coast, the lake region of western New York, Ohio, and Michigan, and the Hudson River Valley are the leading features of District No. 2. This may be considered the northern grape, peach, and winter apple district.

District No. 3.—Long Island; New Jersey, except a small portion north; eastern Pennsylvania below 500 feet elevation; Delaware; and Maryland and Virginia below 500 feet elevation. This is the Delaware and Chesapeake Bay district. Though a small district, its productive capacity is great of the fruits that succeed within its borders.

District No. 4.—Pennsylvania above 500 feet elevation and south of latitude 41°; Maryland, Virginia, North Carolina, South Carolina, Georgia, Mississippi, and Alabama above 500 feet elevation; West Virginia; Tennessee and Kentucky; Ohio and Indiana south of latitude 40°; southern Illinois below the general elevation of 500 feet, from the Wabash to the Mississippi; Missouri south of a line from near St. Louis and along the elevation of 1,000 feet to the southeast corner of Kansas;

Oklahoma below 2,000 feet elevation; Indian Territory; and Arkansas north of latitude 35° , also south of it wherever the elevation exceeds 500 feet. The Allegheny and the Ozark mountains and the valleys of the Ohio, the Tennessee, and the Cumberland, and portions of the Wabash, the Mississippi, and the Arkansas rivers are embraced within this district. Portions of it are noted fruit regions, while throughout its vast territory the hardier deciduous fruits flourish. Many of the varieties recommended succeed best in certain localities within the district. An exception to the general character of the district occurs in those portions of Kentucky, Tennessee, Arkansas, and southeastern Missouri lying near the Mississippi River, where varieties adapted to culture in districts 5 and 7 generally succeed.

District No. 5.—Eastern North Carolina, South Carolina, and Georgia below 500 feet elevation; and Florida north of latitude 30° east of the Chattahoochee River and above 100 feet elevation. This district embraces the southern Atlantic seaboard, with its many frith-like indentations and valleys. The climate is generally mild, and within its borders many of the more tender deciduous fruits flourish.

District No. 6.—Florida south of latitude 30° , and the remaining portions of the State with elevations below 100 feet, and those portions of Alabama, Mississippi, Louisiana, Arkansas, and Texas lying below the 100-foot contour line as it skirts the coast from Florida to the Rio Grande. This is the Southern Peninsula and the Gulf Coast district. The successful culture of citrous and other subtropical fruits and nuts is restricted to the peninsula portion of Florida and to the delta of the Mississippi. Tropical species are only recommended for that portion of Florida lying south of latitude 27° , and are indicated by the letter *s* in connection with the starring.

District No. 7.—Florida west of the Chattahoochee River and above 100 feet elevation, Alabama, Mississippi, Louisiana, and Arkansas above 100 and below 500 feet elevation; and Texas south of Red River and above 100 and below 1,000 feet elevation. This may be denominated the Valley district. It embraces portions of the Chattahoochee, Alabama, Pearl, Mississippi, Arkansas, Red, Sabine, Colorado, and Rio Grande valleys. The climate in the eastern and larger portion is warm and moist, in the extreme west more dry and tending toward aridity. A wide range of the more tender varieties and species is adapted to culture in the district.

District No. 8.—Illinois north of the 500-foot contour line as it crosses the State between 38° and 39° latitude; a small portion of southwest Wisconsin; Iowa south of about latitude $42^{\circ} 30'$; the Missouri River Valley portion of southeastern South Dakota; Nebraska and Kansas below 2,000 feet elevation; and Missouri north of a line drawn from near St. Louis and along the elevation of 1,000 feet to the southeast corner of Kansas. The Missouri and Mississippi valley sections of the district are its dominant features. The hardy deciduous fruits

succeed in most portions, and commercial fruit growing is a rapidly developing industry.

District No. 9.—Wisconsin except the southwest corner; Minnesota; upper Michigan; Iowa north of about latitude $42^{\circ} 30'$; North and South Dakota east of longitude 99° ; and the British Provinces west of longitude 80° and east of longitude 99° . This district embraces the upper lakes including Winnipeg, the Upper Mississippi and the Red River valleys. Only the hardier fruits succeed, but fair progress has been made in recent years in developing varieties adapted to this region.

District No. 10.—Nebraska, Kansas, and Oklahoma above 2,000 feet elevation; Texas above 2,000 feet elevation and north of Red River and latitude 35° ; also Colorado below 5,000 feet. This is the Central Plain and Foot Hill district. It lies on the eastern slope of the Continental Divide. There are small sections, especially in eastern Colorado, where the apple and other hardy fruits are very successfully grown.

District No. 11.—Texas above 1,000 feet and south of Red River and latitude 35° and east of longitude 103° and the Pecos and Rio Grande rivers. This may be accepted as an extension southward of District No. 10, with very similar conditions but a warmer and more southern climate.

District No. 12.—Texas west of longitude 103° and the Pecos River, and New Mexico south of latitude 35° . The Pecos and Rio Grande valleys are the characteristic features of this district. Considerable effort at growing fruit, especially the apple and the hardier *vinifera* grapes, is being made in many localities.

District No. 13.—New Mexico and Arizona north of latitude 35° ; Utah; and Colorado above 5,000 feet elevation. This district embraces the Continental Divide and the Great Salt Lake, and it also embraces the valley and canyon of the Colorado and the sources of the important streams south of the Missouri and Yellowstone. It affords a great diversity of soils and climatic conditions, and hence a wide range of fruit growing. The species successfully grown within the boundaries of this district range from the *vinifera* grapes to the hardy iron clad apples.

District No. 14.—The Dakotas west of longitude 99° ; Wyoming; Montana east of longitude 111° ; and the British Provinces lying between longitude 99° and 111° . The upper Missouri and Yellowstone valleys are the distinctive features of the district. There is perhaps no section of the district in which fruit growing has reached a very high state of development. Leading causes of this condition may be found in the comparatively undeveloped, or unsettled, state of the country and its great elevation.

District No. 15.—British America west of longitude 111° and east of longitude 122° ; Montana west of longitude 111° ; Idaho; Nevada; and Washington, Oregon, and California east of the general coast con-

tour line of 1,000 feet elevation, commencing at the British boundary near longitude 122° and southward on said elevation to its intersection of the Southern Pacific Railway in the Upper Willamette Valley, thence along the line of said railway to the Sacramento Valley, thence east and south on the eastern rim of said valley and that of the San Joaquin at an elevation of 1,000 feet to latitude 35° , thence east on said latitude to the Colorado River. The characteristic features of this district are the Upper Columbia Valley and the Sierra Nevada Mountains. An exception to the general recommendation will appear in certain portions of Snake River Valley, where the *vinifera* grapes and other tender fruits succeed.

District No. 16.—The coast section of British America west of longitude 122° and of Washington, Oregon, and California north of about latitude $39^{\circ} 30'$, and bounded on the east by Districts Nos. 15 and 17. This district embraces the highly developed fruit-growing sections on Puget Sound, the Lower Columbia, and the Willamette.

District No. 17.—The Sacramento and San Joaquin valleys, bounded on the east by District No. 15 and on the west by the western rim of this great interior basin. The diversified fruit and nut products of this district are marvelous. There are localities in which the semi-tropical species and others in which the apple, pear, and other hardy fruits and nuts are grown to the highest perfection.

District No. 18.—The coast section of California lying between latitude 35° and about $39^{\circ} 30'$ and bounded on the east by District No. 17. Its characteristic features are the Coast Range of mountains, the Russian River, the Sonoma, the Santa Clara, and the Pajaro valleys.

District No. 19.—California and Arizona south of latitude 35° . The dominant characteristics are the valleys of the Gila, the Colorado, the San Gabriel, and the Santa Ana and the Sierra Madre mountains. It includes the celebrated fruit districts of Santa Ana, Riverside, Santa Barbara, the Salt River Valley, San Diego, and many others.

Districts 16, 17, 18, and 19 are peculiarly adapted to fruit and nut culture. Perhaps no portion of the earth's surface is more highly favored in climate and soil and affords a wider range of crop products than that lying within the boundaries of these four districts. The commercial value of the fruit and nut products of this section are already felt and recognized the world over.

REVISED CATALOGUE OF FRUITS.

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Division I.—FRUITS MAINLY ADAPTED TO NORTHERN LOCALITIES.

This division includes such cultivated species, commonly designated “hardy” fruits and nuts, as have developed distinct varieties which are propagated on a commercial scale by some of the various methods of bud propagation.

Section 1.—APPLES. (Pyrus.)

SUBSECTION 1.—CRABS. (*P. PRUNIFOLIA*.)¹

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: c, conical; i, irregular; o, oblate; ob, oblong; ov, ovate; r, round. Color: d, dark; g, green; r, red; ru, russet; s, striped; w, white; y, yellow. Flavor: a, acid; m, mild; s, sweet. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late; v, very. Use: c, cider; d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Am., America; Eng., England; Eur., Europe; Fr., France; Ger., Germany; Holl., Holland; Ont., Ontario; Rus., Russia; Scot., Scotland.]

Name.	Description.								Districts and starring.																		
	Size.	Form.	Color.	Flavor.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Ball Winter	5	r	wy	---	5-6	vl	k	Vt...	*																		
Beach	7	r	r	s	5	em	km	Am...		*																	
Brier	7	r	r	s	5	em	km	Wis...								*	*				*						
Elgin	7	rob	yr	a	6	l	km	Ill...	*	*		*					*										
Excelsior	8	ro	ys	a	6	e	k	Minn...			*					*											
Gibb	6	o	yr	a	9	e	k	Wis...	**	*						*		*									
Hyslop	6	r	r	a	3	em	km	Am...	*	*	*	*		*	*	*	*	*			*	*					
Island Gem	6	r	r	---	7-8	m	dk	Vt...	*	*						*											
Jumbo	10	ob	ry	---	10	l	dkm	Vt...	*	*						*											
Marengo	6	ro	yr	a	3-4	l	km	Ill...	*	*						*											
Martha	5	o	yr	a	5-6	e	km	Minn...	**	*						*					*	*					
Minnesota	10	ob	yr	a	5	l	km	Minn...	**	*						*					*	*					
Montreal	8	rob	yr	a	3-4	ml	ckm	Am...	*	*	*	*				*					*	*					
Orange	5	r	y	---	3-4	l	k	Am...	*	*	*	*															
Pringle Sweet	5	ro	rs	s	8	m	dkm	Can...	*	*																	
Queen Choice	5	r	r	---	7-8	l	km	(?)	*	*						*											
Red Siberian	4	rob	r	m	3-4	e	k	Fr...	**	*	*	*	*			*					*						
Stanstead, Rose of	5	ob	r	---	10	l	k	Can...	*																		

2125—2

Section 1.—APPLES. (Pyrus).—Continued.

SUBSECTION 2.—APPLES. (*P. MALUS*).—Continued.

Name.	Description.								Districts and starring.																		
	Size.	Form.	Color.	Flavor.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
July, Fourth of	4-5	roc	wyr	m	3-4	ve	cm	Ger.	—	—	**	*	*			—											
Junaluskee	5-6	ro	y	m	4-6	l	d	N. C.				*	*	*			†	*									
Kaump	6-7	r	y		7	l	km	Wis									*										
Kent Beauty	8-9	ro	gyr	m	3-4	m	k	Eng.	*	—		*	*			*											
Kernodle	7-8	rob	ys		7-8	vl	dm	N. C.				†	*	*													
Keswick	6-7	ci	gyr	a	5-6	em	k	Eng.	*	*	**	*	*	*		*		*			**		†				
Kinnard	5-6	oci	yr	m	5-6	l	dk	Tenn		*	**	*	*	*	**	†					*						
Kirkbridge	4-5	obi	yro	m	3-4	e	km	Am		*	*	*	*	*		*					*						
Krauser	5-6		rs		6	vl	dk	Pa.		†	—	†	*														
Lady	1-2	o	yr	m	6-7	l	dm	Fr.	*	*	*	—	*	*							*						
Lady Sweet	7-8	rob	ygr	s	6-8	l	dk	N. Y.		*	*	—	*	*			*				*						
Lankford	7-8	rc	gre		7-8	l	dm	Md.			*	*	*	*			*				*		*				
Lansingburg	5-6	ro	yr	m	3-4	vl	m	N. Y.		*	*	*	*	*		*		*			*		*				
Late Strawberry	5-6	rc	wrs	m	5-6	m	d	N. Y.	*	*	*	*	*	*		*		*			*		*				
Lawver	7-8	ro	r	m	5-6	vl	dm	Mo.	*	*	*	*	*	*		—		*			*		*		†		
Lehigh Greening	6-7		y		6-7	vl	dkm	Pa.		†		†															
Lilly of Kent	7-8	ore	g		7-9	e	dm	Del.		*	*	*	*	*		*		*			*						
Limburtwig	6-7	roc	gyr	m	3-6	vl	m	N. C.	**	*	*	*	*	*		*		*			*						
Longfield	5-6	rc	y	m	4-5	e	k	Rus.	*	*	*	†	*	*		*		*			*		*				
Louise, Princess		ro	we		5-6	l	d	Ont.	†	*			*														
Lowe	8-9	ob	y	m	6-7	e	km	Am.		†		*	*	*													
Lowell	8-9	ob	y	m	7-8	e	km	Am.		*	*	*	*	*		**					*						
Lowland Raspberry	6	r	ys	m	4-5	e	km	Rus.				*	*	*			*										
McAfee	7-8	ro	ygr	m	5-7	l	m	Ky.	—	—	*	*	*	*							*						
McCuller	7-8	ro	r		6-7	l	dm	N. C.				†	*	*			*						*				
McIntosh	6-7	ro	nyr	m	5-6	ml	dm	Ont.	**	**	*	†	*	*		*		†			*		*				
McLellan	5-7	roc	ys	m	5-6	m	d	Conn.		*	*	*	*	*		*		*			*		*				
McMahon	8-9	ro	yr	m	4-5	m	dm	Wis.	**	*	*	*	*	*		*		*			*	*	*		*		
Magog Red Streak	7-8	rob	ys	m	7-8	l	dkm	Vt.	*			*	*	*		*	*	*	*	*	*	*	*	*	*	*	*
Maiden Blush	5-6	o	yr	m	5-6	e	km	N. J.		**	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*
Malinda	6-7	rc	yr		5-6	vl	dkm	Vt.	*	—	—	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*
Mangum (Gulley)	5-6	oc	ys	m	6-8	m	d	Ala.	—	—	—	*	*			*	*	*	*	*	*	*	*	*	*	*	*
Mann	6-7	ro	yg	m	4-5	vl	mk	N. Y.		*	*	*	*	*		*		†			*	*	*	*	*	*	*
Margaret, Early Red	5-6	ro	yr	m	5-6	e	d	Eng.		—	—	**	*	*		*				*		*	*	*	*	*	*
Mason Stranger	5-6	o	yr	m	5-6	l	d	Va.			**	*	*	*		*					*						
Maryland Maiden Blush	4-6	rc	yr		7-8	ml	mk	Md.				*	†	*		*					*						
Mattamuskeet	5-6	roc	yr	m	3-4	l	k	N. C.			*	*	*	*		*					*						
Maverack	7-8	ro	yr	s	4-6	l	mk	S. C.				*	*	*		*					*						

[illegible]

[illegible]

Section 2.—APRICOTS. (*Armeniaca vulgaris*.)

[KEY.—Size, scale 1 to 10; 1, very small; 10, very large. Form: c, compressed; co, conical; o, oblate; ob, oblong; r, round. Color: o, orange; r, red; y, yellow. Pit and kernel: b, bitter; c, cling; f, free; i, impervious; p, pervious; s, sweet. Quality, scale 1 to 10; 1, very poor; 10, best. Season: e, early; m, medium; l, late; v, very. Use: d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Afr., Africa; Eng., England; Eur., Europe; Fr., France.]

Name.	Description.								Districts and starring.																		
	Size.	Form.	Color.	Pit and kernel.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Alexander	4-5	ob	oy	-----	4-5	m	dm	Rus...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....	.....	*	.....
Blenheim	6-7	o	oy	-----	6-7	m	dm	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....
Breda	3-4	ro	o	s	7-8	m	dm	Afr...	.....	*	*	*	.....	.....	—	—	—	.....	.....	.....	**	.....	.....	.....	.....	*	.....
Early Golden	2-3	r	o	f	7-8	e	d	N. Y.?	.....	*	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	**	.....	.....	.....	.....	*	.....
Eureka	6-7	.....	.....	.....	5-6	ve	.....	Cal...	.....	.....	.....	.....	.....	.....	*	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harris	5-6	obc	or	-----	6-7	ve	dm	N. Y.	.....	†	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hemskirke	8-9	ro	or	ib	6-9	ve	d	Eng...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....	.....	*	.....	*	.....
Large Early	5-6	obc	or	bf	7-8	e	d	Fr...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....	.....	.....	*	.....	*
Moorpark	8-9	r	or	pb	7-8	m	d	Eng...	.....	**	**	.....	.....	.....	.....	*	*	.....	*	.....	**	.....	**	*	*	*	**
Newcastle	5-6	r	oy	f	6-7	m	.....	Cal...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	**
Orange	5-6	or	or	es	3-4	e	k	Eur.?	.....	.....	.....	*	.....	.....	.....	.....	.....	*	.....	.....	*	.....	.....	.....	.....	.....	.....
Peach	10	rococ	yo	pb	7-8	m	d	Italy...	.....	*	.....	.....	.....	.....	.....	.....	.....	*	.....	.....	**	.....	*	.....	.....	**	*
Routier Peach	6-7	.....	yr	.....	6-7	.....	m	Cal...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Royal	7-8	roc	yor	i	7-8	ve	d	Fr...	.....	*	.....	.....	.....	.....	.....	*	*	.....	*	*	.....	*	.....	*	*	**	**
St. Ambroise	8-9	re	yr	-----	7-8	l	d	Fr.?	.....	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	*	.....

Section 3.—BLACKBERRIES AND DEWBERRIES. (Rubus.)

SUBSECTION 1.—BLACKBERRIES. (R. VILLOSUS.)

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: c, conical; o, oblong; ov, oval; r, round. Color: b, black. Quality, scale 1 to 10: 1, very poor; 10 best. Season: e, early; m, medium; l, late; v, very. Use: d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Am., America.]

Name.	Description.							Districts and starring.																				
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Agawam.....	7-8	ro	b	8-9	e	dm	Am...	*	**								*											
Allen.....	7-8	oc	b	9-10	ve	dm	Pa...		†																			
Briton, <i>Ancient</i>	5-6	oo v	b	5	m	m	Wis...	*	**	*	*		*	*	**	**	**			**		*						
Brunton.....	5-6	o	b	9-10	e	dm	Am...		*				*	**								*		*	*	*	*	
Crandall.....					ve		Tex.?																					
Dallas.....	7-8		b	7-8	m	dkm	Tex...					**	*	**	**	*	—	*										
Early Harvest.....	4-5	ro	b	7-8	e	dm	Ill...		**	*	*	*	*	*	*	*	*		*			†			*			
Eldorado.....	7-9	o	b	7-9	e	dkm	Ohio...	*	*	*	*	*	*	*	*	†	*	*		*		†						
Erie.....	8-9	rov	b	5	m	m	Pa...	*	**	**	*	**	*	*	*	**	*	*	*	*	*	*	†	*	*	*	*	
Kittatinny.....	7-9	ro	b	7-8	ml	d	N. J...	—	*	*	—	**	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lawton.....	8-9	ov	b	7-8	m	m	N. Y...	—	*	*	—	**	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Minnewaska.....	9	ov	b	6	m	dm	N. Y...	*	*	**	*	*	*	*	*	*	*	*	*	*	*	—	*	*	*	*	*	
Robison.....	7-8	ro	b	7-8	em	km	Tex...		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Snyder.....	6-7	o	b	7-8	ml	dm	Ind...	*	*	*	*	**	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Stone.....	5	ro	b	7-8	l	d	Wis...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—	*	*	*	*	*	
Taylor.....	6-7	ro	b	7-8	l	d	Ind...	*	**	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Triumph, <i>Western</i>	5-6	oo v	b	6	l	d	Am...	*	*		†				*	*	*											
Wachusett.....	5	oo v	b	7	e	d	Mass...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Wilson.....	8-9	oo v	b	7-8	m	m	N. J...		**	*	*	*	*	*	*	*	**			**	*	*	*	*	*	*	*	

SUBSECTION 2.—DEWBERRIES. (R. CANADENSIS.)

Lucretia.....	9-10	ooov	b	6	e	dk	W. Va	*	**	**	**	**	**	**	**	*	*			**	**	**					*
Mayer (<i>Austin</i>).....	9-10	cov	b	5-6	ve	dm	Tex ..			*	*	*	*	*	*	*	*										

Section 4.—CHERRIES. (*Cerasus*.)SUBSECTION 1.—HEARTS AND BIGARREAUS. (*C. AVIUM*.)

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: c, compressed; h, heart shaped; o, oblate; r, round. Color: a, amber; b, black; p, purple; r, red; y, yellow. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late; v, very. Use: d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Am., America; Eng., England; Eur., Europe; Fr., France; Ger., Germany; Ont., Ontario; Rus., Russia.]

Name.	Description.							Districts and starring.																		
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Bing.....	7-8	hc	b	8-9	l	dm	Oreg.	—	**	**	**											**	**			
Black Heart.....	6-7	hc	b	5-6	ve	dm	Eur.	—	**	**	**				*					*						
Centennial.....	9-10	oh	yr	8-9		dm	Cal.																	*	*	
Coe <i>Transparent</i>	5-6	r	yr	10	e	d	Conn.		*	*	*	*								*						
Downer.....	5-6	rh	r	8-9	m	dm	Mass.	—	*	*	*	*			—											
Eagle, <i>Black</i>	6-7	oh	b	6-7	m	dm	Eng.	—	*	*	*	*			*					*						
Early Purple <i>Guigne</i>	3-4	rh	pb	6-7	ve	d	(?)	—	*	*	*	*			*							*				
Elkhorn.....	8-9	h	b	7-8	l	dm			**	*	*	*			—							*				
Elton.....	8-9	h	yr	9	e	dm	Eng.		**	*	*	*			—						*					
Hoskins.....	9-10	rh	pr	7-8	lm	dm	Oreg.		*			*								*						
Knight <i>Early</i>	8-9	oh	b	7-8	e	d	Eng.		*			*								*						
Lambert.....	9-10	h	pr	8-9	ml	dm	Oreg.		*			*								*						
Lewelling.....	8-9	rh	b	8-9		dm	Oreg.		*			*								*			*	*		
Mezel.....	9-10	oh	rb	7-8	m	d	Oreg.		*	*	*	*			—		*			*		*	*	*	†	
Napoleon (<i>Royal Ann</i>).....	8-9	h	yr	5-6	m	m	Eur.	—	**	**	**	*			*		*		*	*	*	*	*	*	*	*
Oxheart.....	7-8	oh	r	5-6	m	m	Eur.		*	*	*	*			*		*		*	*	*	*	*	*	*	*
Republican, <i>Black</i>	8-9		b		vl	dm	Oreg.		*	*	*	*							*	*	*	*	*	*	*	*
Rockport.....	8-9	oh	ra	8-9	m	dm	Ohio	—	**	*	*	*								*		*	*	*	*	*
Spanish, <i>Yellow</i>	9-10	oh	yr	9-10	em	d	Eur.		**	**	*	*			*		*		*	*	*	*	*	*	*	*
Tartarian, <i>Black</i>	9-10	h	b	9-10	em	dm	Rus.	*	*	*	*	*			*		*		*	*	*	*	*	*	*	*
Windsor.....	8	h	yr	7-8	l	dm	Ont.		*	*	*	*			*		*		*	*	*	*	*	*	*	*
Wood, <i>Governor</i>	7-8	rh	yr	7-8	em	am	Ohio		*	*	*	*			*		*		*	*	*	*	*	*	*	*

SUBSECTION 2.—DUKE AND MORELLO CHERRIES. (*C. VULGARIS*.)

Amarelle Hative.....	6-7	r	—	7-8	e	m	Eur.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Archduke.....	8-9	oh	r	7-8	em	dk	Eur.		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bessarabian.....	5-6	r	r	5	l	k	Rus.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussard Braune.....	9	r	r	8-9	l	k	Eur.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Carnation.....	8-9	r	yr	4-5	em	k	Eur.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Choisy, <i>Belle de</i>	6-7	r	ra	10	e	d	Fr.		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Dyehouse.....	5-6	ro	r	5-6	ve	k	Ky.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

[illegible]

Section 6.—GOOSEBERRIES. (*Ribes*.)SUBSECTION 1.—*R. GROSSULARIA*.¹

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: o, oval; r, round. Color: g, green; r, red; w, white; y, yellow. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium. Use: d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Am., America; Eng., England; Ont., Ontario.]

Name.	Description.							Districts and starring.																				
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Chantauqua	8-9	ro	g w	9-10	m	km	N. Y.	..	**	*	*	..	..	..	*	..	*	..	..	*	..	..	..	..	..	..	..
Columbus	8-9	ro	g y	9-10	m	km	Am.	..	*	*	*	..	..	..	*	..	..	..	..	..	..	..	..	..	..	..	..
Crown Bob	8-9	o	r	7-8	e	km	Eng.	..	*	*	*	..	..	..	*	..	..	..	..	**	..	..	..	..	..	..	..
Industry	9-10	ro	r	6-7	e	km	Eng.	*	**	*	*	..	..	..	*	..	—	..	..	**	*	*	*	..	..	..	..
Triumph	8-9	ro	g w	7-8	e	dm	Pa.?	..	*	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wellington	8-9	o	g w	5-6	e	mk	Eng.	..	*	..	..	..	..	..	*	..	..	mk	..	..	..	..	..	..	..	..	..
Whitesmith	8-9	o	g	5-6	e	km	Eng.	*	**	..	..	..	..	..	—	*	..	..	..	**	*	..	..	..	..	..	..

SUBSECTION 2.—*R. OXYACANTHOIDES*.²

Champion	5-6	ro	g y	5	e	km	Am.	..	**	*	..	..	..	..	*	..	**	..	..	*	..	**	*	*	..	..	..
Downing	5-6	r	g	5-6	m	km	N. Y.	**	**	**	*	..	..	..	**	*	**	..	..	**	..	**	*	*	..	..	..
Houghton	2-3	ro	g r	7-8	m	dk	Mass.	**	*	*	*	*	..	..	**	*	**	..	..	**	**	**	..	*	..	*	..
Pale Red	2-3	ro	r	9-10	m	dk	Am.	..	*	..	**	..	..	..	*	..	..	..	..	*	*	..	..	..	..	..	..
Pearl	5-6	r	g	9-10	m	dk	Ont.	**	**	..	..	..	..	..	*	*	..	..	..	*	..	..	..	..	..	..	..
Red Jacket	5-6	ro	r	8	e	km	Ont.	..	**	*	*	*	..	..	**	*	†	..	..	..	..	..	†	..	..	..	..
Smith	5-6	o	g	9	e	kd	Vt.	*	**	**	*	..	..	..	*	*	*	..	..	*	*	*	..	..	..	..	..

¹ Includes American seedlings of this parentage.² Includes apparent hybrids of this with other species.

Section 7.—GRAPES. (*Vitis*.)SUBSECTION 1.—*V. ESTIVALIS*.¹

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: o, oval; r, round. Color: a, amber; b, black; g, green; r, red; w, white; y, yellow. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late; v, very. Use: d, dessert; m, market; w, wine. Abbreviations of names of places of origin: Am., America; Ont., Ontario.]

Name.	Description.							Districts and starring.																			
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
NORTHERN GROUP.																											
Cynthiana	2-3	r	b	7-8	e	w	Ark.		*		*	**		**	*					*						*	
Eumelan	5-6	r	b	7-8	m	d	N. Y.	*	*		*	†	—		—	—	*										
Gold Coin	6-7	r	w	8-9	me	dm	Tex.							**													
Muench	7-8	r	b	9	me	dm	Tex.				*	**		*													
Norton Virginia	2-3	r	b	5-6	e	w	Va.		*		**			**	*	*				*							
Superb	7-8	r	b	9	ml	dm	Ga.				*	**															
SOUTHERN GROUP (<i>Syn. V. Bourquiniana</i>).																											
Delaware	2-3	r	r	10	m	dm	N. J.?	*	**		**	**		**	**	*	**	**		*		**	*				
Elvicand		r	r	8-9	m	d	Tex.		—											*							
Herbemont	2-3	r	b	7-8	l	dw	South?		—		*	*	*	**	*			**		*							
Lenoir	2-3	r	rb	5-6	l	dm	N. C.						*	*				*									
Walter	5-6	r	r	7-8	ml	d	N. Y.		—			*								*							
Wylie	2-3	r	r	8-9	ve	d	S. C.		—					*				*									

SUBSECTION 2.—*V. LABRUSCA*.¹

Agawam	8-9	ro	rb	6-7	m	dm	Mass.	*	**	*	*	*			*		**			**			†				
Barry	8-9	r	dm	6-7	m	dm	Mass.	*	*	—	*	*	*		*		*		*								
Brighton	7-8	r	r	7-8	e	d	N. Y.	**	*	*	**	**		*	*		*		*		*		*				
Brilliant	5-6	r	r	7-8	e	dm	Tex.		*	†	**	*	*	**	*		†		**		*						
Catawba	6-7	r	r	8-9	vl	dm	N. C.	—	**	*	*	*	*	*	*		*		*		*		*				
Champion	5-6	r	b	2-3	ve	m	Am.		*	*	*	—		*	*		*		*		*		*				
Concord	7-8	r	b	5-6	m	m	Mass.	*	*	**	**	*	*	*	*		*		*		*		*		*		
Cottage	7-8	r	b	5-6	m	m	Mass.	**	*	*	*	*	*	*	*		*		*		*		*		*		
Diamond	6-7	r	gw	7-8	m	dm	N. Y.	**	**	*	*	*	*	*	*		*		*		*		*		*		
Diana	5-6	ro	r	7-8	m	d	Mass.		*			*	—		—		*		*		*		*		*		
Dracut Amber	7-8	ro	a	7-8	me	dm	Mass.	*	*					*	*		*		*		*		*		*		
Duchess	4-5	ro	gy	8-9	m	d	N. Y.	*	*	—	*	*	*	*	*		*		*		*		*		*		
Elvira	3-4	r	w	7-8	m	d	Mo.		—	—	*	*	*	—	—	**	*		*		*		*		*		

Empire State	3-4	r	w	7-8	m	d	N. Y.
Goethe	9-10	o	ygr	7-8	l	d	Mass
Hartford	6-7	r	b	4-5	e	m	Conn
Hayes	5-6	r	yw	6-7	e	e	Mass
Herbert	7-8	r	b	7-8	e	dm	Mass
Iona	5-6	ro	r	9-10	m	d	N. Y.
Isabella	7-8	ro	b	7-8	m	dm	S. C.
Ives	5-6	ro	b	5-6	e	mw	Ohio
Janesville	5-6	r	b	3-4	e	m	Wis
Jefferson	5-6	r	r	7-8	ml	d	N. Y.
Lady	7-8	r	wr	6-7	em	d	Ohio
Lindley	5-6	ro	r	5-6	m	dm	Mass
Loretto (<i>Queen</i>)	5-6	r	w	7-8	m	d	Tenn
Lutie	5-6	r	r	5-6	l	dm	Tenn
Massasoit	7-8	r	r	5-6	m	dm	Mass
Merrimac	8-9	r	b	7	m	dm	Mass
Moore Early	8-9	r	b	6-7	e	m	Mass
Moyer	3-4	r	r	8-9	m	dm	Can
Murray	8	r	m	8	ml	dm	
Nectar	4-5	r	b	8-9	e	d	N. Y.
Niagara	8-9	r	w	7-8	ml	m	N. Y.
Orita	5-6	r	w	6-7	m	d	Tex
Perkins	7-8	r	r	2-3	ve	m	Mass
Pierce	8-9	r	b	7-8	e	d	Cal
Pocklington	8-9	r	wy	6-7	em	m	N. Y.
Prentiss	5-6	r	w	7-8	m	d	N. Y.
Salem	9-10	r	b	7-8	m	dm	Mass
Triumph	7-8	r	y	7-8	v l	d	Ohio
Ulster	5-6	r	a	9-10	m	d	N. Y.
Vergennes	7-8	o	r	8-9	m	dm	Vt.
Victor	5-6	r	b	7-8	ve	dm	Kans
Washington, Lady	6-7	r	yn	7-8	l	d	N. Y.
Wilder	9-10	r	b	7-8	m	d	Mass
Winchell (<i>Green Mountain</i>)	4-5	r	w	7-8	e	d	Vt
Woodbury	8-9	ro	w	7-8	m	dm	Maine
Woodruff	8-9	r	r	6-7	e m	m	Mich
Worden	7-8	r	b	7-8	em	dm	N. Y.

SUBSECTION 3.—V. *LINCEUMII*.¹

America.....	3-4	r	b	5-6	m	w	Tex.				**				**				
Bailey.....	6-7	r	b	8-9	e	dm	Tex.				**				**				
Beacon.....	7-8	r	b	8-9	e	dm	Tex.				**				**				
Carman.....	7-8	r	b	7-8	v-l	dm	Tex.	—	*	**	**	*			**				
Fern Munson.....	3-5	r	b	4-5	l	w	Tex.				**				**				
Laussel.....	4-5	r	b	7-8	v-l	nm	Tex.				**				**				
Jaeger, Herman.....	5-6	r	b	7-8	m	dm	Tex.	—	*		*	*	*		**				

¹ Includes apparent hybrids.

Section 7.—GRAPES. (*Vitis*).—Continued.SUBSECTION 4.—*V. ROTUNDIFOLIA*.

Name.	Description.							Districts and starring.																		
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Eden	7-8	r	b	9	l	dw	Ga.	...	...	...	*	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Flowers	8-9	r	b	4-5	vl	dw	South.	...	...	...	**	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...
James	9-10	r	b	6-8	vl	d	N. C.	...	...	...	*	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Memory .....	...	...	...	...	...	...	South.	...	...	...	*	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mish	6-7	o	b	5-6	ve	...	N. C.	...	...	...	*	*	**	**	...	...	...	...	...	...	...	...	...	...	...	...
Scuppernong	8-9	r	y	5-6	m	w	N. C.	...	...	...	**	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tenderpulp	8-9	r	b	4-5	m	w	S. C.	...	...	...	**	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Thomas	6-7	r	b	7-8	e	w	S. C.	...	...	...	**	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...

SUBSECTION 5.—*V. VINIFERA*.

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: o, oval; r, round. Color: a, amber; b, black; g, green; p, purple; r, red; w, white; y, yellow. Flavor: m, muscat; s, sweet. Season: e, early; l, late; m, medium; v, very. Use: t, table; w, wine; r, raisin. Abbreviations of names of places of origin: Eur., Europe; For., Foreign.]

Alexandria, <i>Muscat of</i>	8-9	ov	w	m	l	r	Africa	...	...	...	†	*	*	...	...	...	*	**	**	...	**	*	*	*	*	*
Black Hamburg	9-10	rov	b	s	m	t	Ger.	...	...	...	...	...	*	*	...	...	...	†	*	...	**	*	*	*	*	*
Black Morocco	8-9	o	b	m	l	t	For.	...	...	...	...	...	...	...	...	...	...	*	...	...	**	*	*	*	*	*
Black Prince	5-6	o	b	s	e	t	For.	...	...	...	...	...	...	...	...	...	...	...	**	...	*	...	...	...	...	*
Calabrian .....	...	...	w	s	l	t	Italy	...	...	...	...	...	...	*	...	...	...	...	...	...	...	...	...	...	...	*
Cornichon, <i>Black</i>	8-9	ov	pb	s	l	t	Eur.	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...	*
Emperor	8-9	ob	r	...	l	t	Eur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*
Flame Tokay	8-9	r	r	s	m	t	Eur.	...	...	...	...	...	...	...	...	...	...	...	...	†	...	...	...	...	...	*
Gordo Blanco (<i>Muscatel</i>)	8-9	r	w	m	...	rt	Spain	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...	*
Griesa, <i>Piedmont</i>	9-10	r	b	...	e	j	Italy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*
Malaga	8-9	o	w	...	m	t	Spain	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...	*
Mataro .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mission	6-7	r	pb	s	m	w	Cal.	...	...	...	...	...	...	...	...	...	...	*	*	**	...	*	*	...	...	**
Olivet <i>Cadinet</i>	9-10	o	b	s	m	t	Italy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palomino (<i>Golden Chasselas</i>)	5-6	r	yg	s	e	t	Por.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pern, <i>Rose of</i>	8-9	r	b	s	e	t	Eur.	...	...	...	...	...	...	*	...	...	...	...	*	...	*	...	...	...	...	*
Prince, <i>Black</i>	8-9	ov	b	s	m	t	Eur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*
Reisling, <i>Johannisburg</i>	4-5	r	w	s	...	w	Ger.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*
Sweetwater, <i>White</i>	6-7	r	w	s	e	t	Eur.	...	...	...	...	...	...	...	...	...	...	...	**	...	**	**	*	...	...	*

Sultana.....	4-5	ov	y	s	m	r	Asia.....	*	*	*
Thompson Seedless.....	3-4	o	y	s	e	tr	Turkey.....	*	*	**
Verdel.....	8-9	ov	y	s	l	t	Mad.....	*	*	*
Zinfandel.....			b	s	m	w	Eur.....	*	*	*

SUBSECTION 6.—V. *VULPINA* : *syn. RIPARIA*.¹

Bell.....	2-4	r	w	7-8	me	w	Tex.....	*	*	*
Berckmans.....	5-6	r	r	10	m	d	S. C.....	*	*	*
Clinton.....	2-3	r	b	5-6	vl	w	N. Y.....	*	*	*
Missouri Reisling.....	5-6	r	gw	7-8	m	w	Mo.....	*	*	*
Noah.....	2-3	r	w	5-6	vl	w	Ill.....	*	*	*
Rommel.....	5-6	r	w	8-9	em	dm	T ex.....	*	*	*

¹ Includes apparent hybrids.Section 8.—MULBERRIES. (*Morus Alba* and *rubra*.)

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: c, cylindrical; l, long; s, short. Color: b, black. Quality, scale 1 to 10: 1, very poor; 10, best. Season (June): b, beginning. Use: d, dessert; k, kitchen.]

Name.	Description.							Districts and starring.																		
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Downing.....	5-6	lc	b	8-9	b	dk	N. Y.....	*	*	**	*	*	*	*	**					*						
Hicks.....	4-5	sc	b	7-8	b	dk	Ky.....	*	*	**	*	*	*	*	*											
New American.....	5-6	lc	b	8-9	b	dk	N. Y.....	*	*	*	*	*	*	*	*					†						
Stabbs.....	9-10	lc	b	9-10		d	South.....	*	*	*	*	*	*	*	*											

[illegible]

¹ The distinctive peculiarities of the families or strains of peaches known as Chinese, Persian, and Spanish being more or less ill defined and obscured by crossing or hybridization, a correct classification of varieties under these heads is not deemed practicable.

Section 9.—NECTARINES AND PEACHES. (*Persica vulgaris*.)—Continued.

SUBSECTION 2.—PEACHES. (*P. VULGARIS*.)—Continued.

Name.	Description.									Districts and starring.																		
	Size.	Form.	Color.		Adhesion.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			Skin.	Flesh.																								
Morris White.....	7-8	ov	cw	w	f	5-6	m	km	Am.		*	—	*				*					**		*		*		†
Mountain Rose.....	6-7	r	wr	w	f	8-9	em	dm	N. J.		*	*	**	*	—	**	**		*			**		*		*		
Muir.....	8-9	w	y	y	f	8-9	m	dkm	Cal.															**	*	**	*	*
McDevitt.....	8-9	obc	yr	yr	c	7-8	m	km	Cal.																*		*	
Oldmixon Cling.....	7-8	rov	c	w	c	7-8	m	km	Am.		*	—	**	*		**	*	*	*			**						
Oldmixon Free.....	7-8	rov	c	w	f	8-9	m	dm	Am.		**	**	**	*		**	*	*	*	*		**						
Onderdonk.....	7-8	ov	w	w	f	7-8	m	dm	Tex.		**	**	**		*	*	*			*					*	**	**	**
Orange Cling.....	7-8	r	y	y	c	5-6	m	km																	*	**	**	
Pallas.....	7-8	ov	w	w	f	6-7	e	dm	Ga.				*	*	—	**	*			*								
Parham.....	5-6	r	yw	wr	f	5-6	l	mk	Am.							**												
Peen to.....	4-5	f	w	w	c	7-8	e	d	Ga.						*													
Peninsula.....	8	o	y	y	f	7-8	ml	m	Md.			*																
Phillips Cling.....	7-8	oc	y	y	c	7-8	ml	dm	Cal.																*			
Picquet.....	7-8	r	yr	y	f	5-6	l	d	Ga.			—	**	*		*	**					*						*
Prize.....	7	ob	y	yr	f	8	l	m			*	*	*															
Red Cheek Melocolon.....	7-8	rov	yr	y	f	6-7	m	dm	Am.		*	*	*	—		*	*											
Reeves Favorite.....	8-9	rov	yr	y	f	7-8	m	m	N. J.		*	**	**	*	—	—	*					*		*				
Richmond.....	8-9	r	yr	y	f	6-7	m	m	N. J.		**	*	*	—		*	*					**						
Rivers.....	6-7	rc	cw	w	f	7-8	e	dm	Eng.		*	*	*	*		*	*					*						
Royal George.....	5-6	r	wr	w	f	10	m	d	Eur.		*	—	**	—		**	*					*						
Russell.....	7-8	r	wr	w	f	7-8	e	dkm	Nebr.							*	*											
Salway.....	7-8	rov	yr	y	f	5-6	l	m	Eng.		**	—	**	*		*	*			*		**		*	*	*	*	*
Smock.....	7-8	ov	yr	y	f	5-6	l	m	N. J.		**	**	*	—		*	*			*		**		*				*
Sneed.....	6-7	ov	gw	w	c	4-5	ve	m	Tenn.		*	—	*	*		*	*			*		*		*				
Snow.....	7-8	r	w	w	f	6-7	m	dm	Am.		*	—	*	*		*	*			*		*		*				
Stevens Rareripe.....	6-7	rov	cw	w	f	7-8	ml	m	N. J.		**	*	*	*		*	*		*		*		*		*			
St. John.....	7-8	r	yr	y	f	7-8	e	m	Am.		**	**	**	*		**	*		*		*		*		*			*
Stonewall Jackson.....	7-8	ro	gy	c	c	6-7	e	km	Tex.							*	*			*		*		*		*	*	*
Strawberry.....	5-6	ov	r	w	f	7-8	em	dm	N. J.		*	*	*	*		*	*		*		*		*		*	*	*	*
Stump.....	8-9	rov	wr	w	f	6-7	ml	m	N. Y.		**	**	**	**		**	*		*		*		*		*	*	*	*
Susquehanna.....	9-10	r	yr	y	f	9-10	m	dk	Pa.		—	*	*	*		*	*		*		*		*		*	*	*	**
Texas.....	4-5	ro	yg	g	sc	5-6	l	d	Tex.						*	*	*		*		*		*		*	*	*	*
Thurber.....	6-7	rov	wr	w	f	7-8	e	d	Ga.		—	*	*	*	*	*	*		*		*		*		*	*	*	*
Tillotson.....	5-6	r	wr	w	f	7-8	e	d	N. Y.		—	*	—	*	**	*	*		*		*		*		*	*	*	*
Tippecanoe.....	8-9	r	yr	y	c	6-7	l	dm	Pa.		—	—	*	*	*	*	*		*		*		*		*	*	*	*
Triumph.....	5-6	r	yr	yr	s	8-9	e	dm	Ga.		*	*	*	*		**	*		*		*		*		*	*	*	*

[illegible]Section 10.—PEARS. (*Pyrus communis* and *sinensis*.)

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: i, irregular; o, oblate; ob, oblong; obo, obovate; obt, obtuse; ov, ovate; p, pyriform; r, round; t, turbinate. Color: b, brown; c, crimson; g, green; r, red; ru, russet; y, yellow. Texture: b, buttery; f, firm; g, granular; m, melting; t, tender. Flavor: a, acid; as, astringent; j, juicy; s, sweet; v, vinous; p, perfumed. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late; v, very. Use: d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Am., America; Belg., Belgium; Eng., England; Eur., Europe; Flem., Flemish Provinces; Fr. France; Hol., Holland.]

[illegible]

Name.	Description.									Districts and starring.																		
	Size.	Form.	Color.	Texture.	Flavor.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Easter <i>Beurre</i>	7-8	robo	ygru	bm	js	5-6	vl	d	Eur.	...	*	*	—	*	*	—						*		*	*	*		
Elizabeth, <i>Manning's</i>	4-5	obop	yr	m	jsp	6-7	d	d	Belg.	...	*	**	*	*	—							*		*	*	*		
Flemish <i>Beauty</i>	8-9	obobt	yrur	m	jsp	6-7	em	dm	Belg.	...	*	**	*	*		—	*	*	**			*	*	*	*	*		*
Frederick Clapp	6-7	rp	y	m	jvp	5-6	m	dm	Mass.	...		*										*	*	*	*	*		
Garber	7-8	robtpt	yr	fg	ja	3-4	ml	km	Pa.	...	—	—	**	*	**	**	*					*	*	*	*	*		
Ghislain	5-6	p	y	b	jrich	4-5	m	d	Belg.	...	—	—	—	*								*	*	*	*	*		
Gluff	5-6	p	gyr	m	jvp	7-8	e	dm	Fr.	...	*	**	**	*	*							*	*	*	*	*		
Glout Morceau	6-7	obop	gyb	bm	srich	6-9	l	d	Flem.	...	*	*	—	*	—		*					*	*	*	*	*		
Goodale	7-8	obp	yeru	ng	svp	5-6	m	dm	Me.	...	*	**	*	*	*							*	*	*	*	*		
Grand Isle	5	e	gy	m	s	7	me	dm	Vt.	...	*	†	*	*								*	*	*	*	*		
Gray Doyenne	5-6	ovobo	ru	bm	rich	8-9	m	d	Fr.	...	*	*	*	*		—	—					*	*	*	*	*		
Hardy, <i>Beurre</i>	7-8	obop	gyrur	bm	jv	6-8	m	m	Eur. ?	...	*	*	*	*	*							*	*	*	*	*		
Heyst, <i>Emile de</i>	8-9	obp	yrur	m	svp	8-9	ml	d	Belg.	...	—	*	—	*	*		—	*				*	*	*	*	*		
Howell	6-7	rp	yr	m	jv	5-6	m	dm	Conn.	...		**	**	**	*	*	*	*				*	*	*	*	*		
Idaho	8-9	obop	yrur	m	sv	8-9	m	dm	Idaho.	...		*	*	*	*	*	*	*	*			*	*	*	*	*	†	
Kieffer	7-9	rov	yrur	gm	js	3-5	ml	mk	Pa.	...	—	*	—	*	*		—					*	*	*	*	*		
Kirtland	4-5	obtobo	yrur	m	jsp	7-8	e	d	Ohio	...		*	—	*	*		—					*	*	*	*	*		
Langelier	5-6	obop	yeru	ng	v	3-4	l	d	Eng.	...	—	*	*	*	*	*	*	*				*	*	*	*	*		
Lawrence	5-6	obop	yrur	m	sp	7-8	l	dm	N. Y.	...	**	**	**	*	*	—	*					*	*	*	*	*		
Le Conte	7-8	robtpt	yr	m	s	3-4	m	m	Am.	...	—	*	*	*	*	*	*		*			*	*	*	*	*		
Lawson	6-7	obo	yr	fg	s	3-4	e	m	N. Y.	...		*	*	*	*	*	*					*	*	*	*	*		
Lincoln	6-7	obop	yr	bm	s	7-8	m	dm	Ill.	...		*	*	*	*	*	*		*			*	*	*	*	*		
Louise <i>Bonne de Jersey</i>	6-7	obp	gbr	m	j	5-6	m	dm	Fr.	...	**	*	*	*	*	*	—		*			*	*	*	*	*		
Lucrative, <i>Belle</i>	5-6	obop	ygru	m	s	7-9	m	dm	Flem.	...	**	**	*	*	*	—		**				*	*	*	*	*		
McLaughlin	7-8	obtp	gyru	m	jvp	4-5	l	dk	Me.	...		*	*	*	*							*	*	*	*	*		
Madeleine	4-5	obop	ygb	m	sp	6-7	e	d	Fr.	...	*	—	*	*	*	—						*	*	*	*	*		
Magnolia	7-8	obgr	ru	m	.....	5	e	mk	Ga.	...			†	*	*	†						*	*	*	*	*		
Malines, <i>Josephine de</i>	5-6	rop	gyru	m	jsp	7-8	l	dm	Belg.	...	*	**	—	*	*		*					*	*	*	*	*		
Marguerite, <i>Petite</i>	4-5	obtp	yfb	bm	jsp	5-6	e	d	Fr.	...		*	*	*	*		*					*	*	*	*	*		
Marie Louise	6-7	obp	gyru	bm	jvas	5-6	ml	dk	Belg.	...		*	*	*	*							*	*	*	*	*		
Merriam	5-6	ro	yrur	gm	jvp	4-5	m	dm	Mass.	...		*	*	*	*		*					*	*	*	*	*		
Mount Vernon	6-7	obtp	yrur	gm	jvp	5-6	ml	dm	Mass.	...	†	*	*	*	*	—	*					*	*	*	*	*		
Napoleon	6-7	obtp	gy	m	js	5-6	ml	km	Belg.	...		**	*	*	*	*	—		*			*	*	*	*	*		
Onondaga (<i>Swan's Orange</i>)	8-9	obtp	yrur	bm	jv	6-7	ml	km	Conn.	...	**	*	*	*	*	*	*				*	*	*	*	*	*		
Osband <i>Summer</i>	3-4	obop	y	m	jsp	5-6	ve	dm	N. Y.	...	**	*	*	*	*	*	*					*	*	*	*	*		
Ott	3-4	robo	gyrur	m	sp	4-5	e	dm	Pa.	...	—	*	*	*	*	—						*	*	*	*	*		
Paradise d' <i>Automne</i>	7-8	obp	yrur	gm	jvp	5-6	m	dk	Belg.	...		*	*	*	*		—					*	*	*	*	*		
Pound	8-9	p	ygb	fg	v	2-3	vl	k	Eur.	...	*	*	*	—	*							*	*	*	*	*		

[illegible]

Section 11.—PLUMS. (Prunus.)

SUBSECTION 1.—*P. AMERICANA.*

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: c, compressed; f, flattened; o, oval; ob, obovate; obl, oblong; r round. Color: b, black; br, brown; g, green; p, purple; r, red; v, violet; w, white; y, yellow. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late; v, very. Use: d, dessert; k, kitchen; m, market; c, curing. Abbreviations of names of places of origin: Am., America; Belg., Belgium; Eng., England; Eur., Europe; Fr., France; Ger., Germany; Jap., Japan; Ont., Ontario; Rus., Russia.]

[illegible]

Section 11.—PLUMS. (*Prunus*.)—Continued.SUBSECTION 1.—*P. AMERICANA*—Continued.

Name.	Description.							Districts and starring.																		
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Piper	7	r	r	8	l	dk	Minn	...	...	...	...	...	...	...	†	†	...	...	...	...	...	...	...	...	...	...
Quaker	8	ro	ry	8	e	dk	?	...	...	...	...	...	...	...	*	*	...	...	...	...	...	...	...	...	...	...
Rockford	5-6	ro	yr	8-9	m	d	Iowa..	...	...	...	...	...	...	...	*	...	...	...	...	...	...	...	...	...	...	...
Rollingstone	6-7	ro	r	6-7	m	dk	Minn	*	*	...	—	...	...	...	*	...	*	...	...	**	...	...	...	...	...	...
Stoddard	8-9	r	r	5	me	m	Iowa..	...	...	**	†	...	...	...	†	...	...	...	...	...	...	...	...	...	...	...
Surprise	7-8	o	dr	9-10	m	dm	Minn	...	...	...	...	...	...	...	...	†	...	...	...	...	...	...	...	...	...	...
Weaver	5-6	oc	r	5-6	m	km	Iowa..	*	+	...	*	...	...	...	**	**	*	...	...	*	...	...	...	...	...	...
Wolf	6-7	ro	r	6-7	m	km	Iowa..	**	*	...	*	...	...	...	**	**	*	...	...	**	...	...	...	...	...	...
Wyant	4-5	ro	yr	5-6	m	k	Iowa..	*	*	...	*	...	...	...	**	...	*	...	...	*	...	...	...	...	...	...

SUBSECTION 2.—*P. ANGUSTIFOLIA*.

Caddo Chief	5-6	o	r	6	ve	dm	La....	...	...	...	*	*	*	*	**	...	...	...	...	*	...	...	...	...	...	...
Cluck	5	ro	r	5	me	m	Tex....	...	...	*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lone Star	2-3	o	r	3	m	k	Tex....	...	—	*	...	...	...	**	...	...	...	...	...	...	...	...	...	...	...	...
Munson	5	ro	r	5	me	m	Tex....	...	...	**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newman	5-6	o	r	3-4	m	km	Ky....	...	*	**	—	—	...	*	†	...	...	...	...	*	...	...	...	...	...	...
Pottawattamie	5-6	r	r	3-4	ml	km	Tenn..	...	*	...	—	—	*	...	**	**	*	...	...	**	...	...	...	...	...	...
Texas Belle (<i>Paris Belle</i>)	5-6	r	r	—	m	—	Tex....	...	...	...	...	...	*	...	**	...	...	...	...	...	...	...	...	...	...	...
Yellow Transparent	7-8	o	y	5-6	e	km	Tex....	...	...	...	**	...	...	**	*	...	...	...	...	...	...	...	...	...	...	...

SUBSECTION 3 — *P. CERASIFERA*.¹

De Caradenc	5-6	r	dr	3-4	e	k	S. C....	...	...	...	*	*	—	**	—	...	...	...	...	...	...	...	...	...	...	...
Marianna	5-6	r	r	2-4	l	km	Tex....	...	*	...	*	*	—	...	*	...	...	...	...	*	...	...	...	...	...	...

¹ Includes supposed hybrids.

SUBSECTION 4.—*P. DOMESTICA.*

[illegible]

[illegible]

SUBSECTION 6.—*P. TRIFLORA*.

Abundance (<i>Botan.</i>).....	6-7	ro	brr	4-5	em	m	Jap	..	**	**	**	**	*	**	**	†	—	..	..	**	..	..	..	..	*	..
Babcock	7-8	r	r	5-6	m	dm	Jap	..	..	..	..	..	—	*	*	†	—	..	..	**	..	..	..	..	*	*
Burbank	6-8	r	py	4-5	ml	km	Jap	*	**	**	*	*	**	*	**	†	—	..	..	**	..	†	..	*	*	*
Chabot (<i>Yellow Japan</i>)	6-8	ro	rp	5	e	km	Jap	†	**	**	**	*	*	*	*	..	..	**	**	..	..	..	..	*	..	*
Excelsior	5-6	r	rp	6-7	e	dm	Fla	..	..	..	..	..	—	**	*	..	..	..	..	..	..	..	..	..	..	..
Georgeson	7-8	o	y	7-8	e	km	Jap	..	..	*	*	**	*	..	..	..	..	..	..	..	..	..	..	..	..	..
Hale	7-8	r	r	8-9	ml	dm	Cal	..	†	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kelsey	9-10	ro	gy	8-9	l	dkm	Jap	..	—	..	..	*	†	*	—	..	..	..	..	..	..	..	..	*	*	*
Kerr	5-6	o	y	4-5	m	km	Jap	..	*	..	..	**	*	..	..	..	..	..	..	..	..	..	..	..	..	..
Normand	5-6	r	r	9	ve	dm	Jap	..	*	..	..	**	†	†	—	..	..	..	..	..	..	..	..	..	..	..
Ogon	6-7	r	y	3-4	e	km	Jap	..	..	..	..	†	†	*	*	..	..	..	..	..	..	..	..	..	..	..
Red June	5-6	ov	r	4-5	ve	km	Jap	..	**	**	**	*	†	*	*	†	—	*	..	**	..	..	..	..	..	..
Red Nagate	5-6	ro	r	5-6	m	km	Jap	..	*	**	..	..	..	*	*	..	..	..	..	..	..	..	..	..	..	..
Satsuma	6-7	r	p	7-9	ml	km	Jap	..	*	**	*	—	*	*	*	..	*	..	**	..	..	..	..	..	*	*
Simon ¹	7-9	r	p	2-7	e	m	Chi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*	*
Wickson	8-9	rw	br	8-9	m	m	Cal	..	*	*	*	..	..	..	..	..	..	..	..	..	..	..	..	*	*	*
Willard	3-4	ro	r	2-3	m	m	Jap	..	*	*	*	*	..	..	*	..	..	..	*	..	..	..	..	..	..	..

¹ Belongs to species *Prunus Simonii*.

SUBSECTION 7.—*P. PUMILA*.

Minnie	3	r	br	5	me	k	Man								f					f						
Brandon	2	r	br	2	me	k	Man								f					f						
Challenge	3	r	br	3	me	k	Man								f					f						
Othello	3	r	br	3	me	k	Man								f					f						
Progress	3	r	br	3	me	k	Man								f					f	i					
Standard	1	r	br	3	me	k	Man								f					f						
Victor	4	r	br	5	me	k	Man								f					f						

Section 12.—QUINCES. (*Cydonia vulgaris*.)

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: o, oblate; ob, obtuse; p, pyriform; r, roundish. Color: g, greenish; o, orange; y, yellow. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late. Use: k, kitchen; m, market. Abbreviations of names of places of origin: Am., America; Fr., France; Ont., Ontario; Port., Portugal.]

Name.	Description.							Districts and starring.																		
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Champion	6-7	obp	gy	8-9	m	km	Am...	--	**	*	*	*	*	---	**	---	*	---	---	**	---	*	---	---	---	---
Meech	7-8	ro	oy	6-7	m	km	Conn.	*	*	**	*	*	---	*	**	---	---	---	---	**	---	*	---	---	---	---
Missouri Mammoth	9-10	ro	oy	8-9	e	km	Mass.	---	*	*	*	*	---	---	**	---	---	---	---	**	---	*	---	---	---	---
Orange (<i>Apple</i>)	8-9	ro	oy	8-9	e	km	Am...	*	**	**	*	*	---	*	*	---	*	---	---	**	---	*	---	---	---	---
Pear	8-9	p	oy	7-8	em	km	Am...	---	*	*	**	*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rea	8-9	rob	py	7-8	e	km	N. Y..	---	**	**	*	---	---	*	*	---	---	---	---	**	---	---	---	---	---	---

Section 13.—RASPBERRIES. (*Rubus*.)SUBSECTION 1.—*R. IDÆUS*.¹

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: c, conical; o, obtuse; r, roundish. Color: b, black; c, crimson; p, purple; r, red; s, scarlet; y, yellow. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late. Use: d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Eng., England; Eur., Europe; Fr., France; Ont., Ontario.]

Name.	Description.							Districts and starring.																		
	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Clarke	7-8	c	c	7-8	e	d	Conn.	**	---	---	---	---	---	*	*	---	---	---	---	---	---	---	---	---	---	---
Fastloff	9-10	rc	pr	7-8	e	d	Eng.	*	*	*	---	---	---	---	---	---	---	---	---	*	---	---	---	---	---	---
Franconia	8-9	oc	pr	5-6	m	dm	Fr.?	*	*	---	---	---	---	---	---	---	dm	---	---	*	---	---	---	---	---	---
Hudson River Antwerp	8-9	c	r	7-8	m	m	Eng.	*	*	---	---	*	---	---	---	---	---	---	---	*	---	---	---	---	---	---
Orange (<i>Brincklé's Orange</i>)	8-9	rc	y	8-9	m	d	Pa.	*	*	---	---	---	---	*	*	---	---	---	---	---	---	---	---	---	---	---
Red Antwerp	7-8	roc	r	5-6	m	d	Eur.	---	---	---	*	---	---	---	*	---	---	---	---	*	---	---	**	*	---	---
Vermont	6-7	ro	y	8-9	l	dk	Vt....	*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

¹Includes possible hybrids.

SUBSECTION 2.—*R. NEGLECTUS.*

[illegible]

SUBSECTION 3.—*R. OCCIDENTALIS.*

[illegible]

SUBSECTION 4.—*R. STRIGOSUS*.

[illegible]

Section 14.—STRAWBERRIES. (*Fragaria*.)

[KEY.—Sex: b, bisexual; p, pistillate. Size, scale 1 to 10: 1, very small; 10, very large. Form: c, conical; co, compressed; l, long; o, oblate; ob, oblong; ov, ovate; r, roundish; i, irregular. Color: c, crimson; d, dark; l, light; r, red; s, scarlet. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; m, medium; l, late. Use: d, dessert; m, market. Abbreviations of names of places of origin: Am., America; Austr., Australia; Can., Canada; Ont., Ontario.]

Name.	Description.								Districts and starring.																		
	Sex.	Size.	Form.	Color.	Quality.	Season.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Arizona <i>Everbearing</i>								Austr																			**
Australian <i>Crimson</i>								Ill	**	*	**	**	*	*	**	**	**	**			**						*
Bederwood.....	b	4-5	rc	bs	5-6	m	dm	Ohio			**	*			*	*	*	*									
Belt, <i>William</i>	b	7-8	obei	dc	8-9	m	dm	Mass			*	*															
Beverly.....	b	5-6	ci	ds	7-8	m		Ark			**	*															
Bismarck.....	b	7-9	rc	c	7-8	m		Ind			*	*	*	*	*	*	*	*									
Blonde.....	b	7-8	rc	r	8	m	dm	Pa			**	**	*	*	*	*	*	*									
Brandywine.....	b	8-10	oc	c	8-9	ml	dm	Ind			*	*	*	*	*	*	*	*									
Brunette.....	b	7-9	r	dr	10	m	dm	Ill	**	**	**	**	*	*	*	*	*	*				*	*				
Bubach No. 5.....	p	8-9	rob	s	5-6	e	m	Mo			*	*	*	*	*	*	*	*				*	*				
Captain Jack.....	b	7	r	r	6	m	d	Va	**	*	*	*	*	*	*	*	*	*				*	*				
Carrie.....	p	7-8	l	c	7-8	m	m	Pa			*	*	*	*	*	*	*	*				*	*				
Champion.....	p	6-7	rc	s	5-6	e	m	La			*	*	*	*	*	*	*	*				*	*				
Cloud.....	p	6-7	co	lc	6-7	e	dm	Kans	**	**	*	*	*	*	*	*	*	*				*	*				
Clyde.....	b	7-8	lc	c	7-8	em	m	Ohio	*	*	*	*	*	*	*	*	*	*				*	*				
Crawford.....	b	7-8	rc	lc	7-9	m	dm	Conn	**	**	*	*	*	*	*	*	*	*				*	*				
Crescent.....	p	5-6	rc	bs	6-7	e	m	Pa			*	*	*	*	*	*	*	*				*	*				
Cumberland.....	b	9-10	ro	bs	5-6	m	m	N. J. ?			*	*	*	*	*	*	*	*				*	*				*
Dollar.....	b	7-9	rc	bc	8-9	m	d	Ky	*	*	*	*	*	*	*	*	*	*				*	*				*
Downing.....	b	6-7	c	ds	6-7	m	dm	Ohio		*	*	*	*	*	*	*	*	*				*	*				
Enhance.....	b	7-8	c	bc	7-8	m	dm	Ill		*	*	*	*	*	*	*	*	*				*	*				
Enormous.....	p	8-9	ob	dc	7-8	ml	dm	Ohio		*	*	*	*	*	*	*	*	*				*	*				
Eureka.....	p	6-7	r	br	5-6	ml	dm	Ark		*	*	*	*	*	*	*	*	*				*	*				
Excelsior.....	b	6-7	c	r	6-7	ve	d	N. J	*	*	*	*	*	*	*	*	*	*				*	*				
Gandy.....	b	7-8	c	bc	7-8	l	dm	Iowa		*	*	*	*	*	*	*	*	*				*	*				
Gardner.....	b	5-6	lc	bs	7-8	m	dm	Pa		*	*	*	*	*	*	*	*	*				*	*				
Glen Mary.....	b	8-9	roo	c	7-8	m	dm	Ohio	*	*	*	*	*	*	*	*	*	*				*	*				
Greenville.....	p	7-8	roc	bc	7-8	e	dm	N. J	**	**	**	**	*	*	*	*	*	*				*	*				
Haverland.....	p	6-7	cco	s	7-8	m	dm	S. C.		*	*	*	*	*	*	*	*	*				*	*				
Hoffman.....	b	5-6	c	dc	7-8	m	dm	Oreg		*	*	*	*	*	*	*	*	*				*	*				
Hood River.....								Wis	*	*	*	*	*	*	*	*	*	*				*	*				
Jessie.....	b	9-10	rc	bs	5-6	m	dm	Ky		*	*	*	*	*	*	*	*	*				*	*				*
Lovett.....	b	6-7	lc	dc	8-9	em	dm	Oreg		*	*	*	*	*	*	*	*	*				*	*				
Magoon.....								N. J	*	*	*	*	*	*	*	*	*	*				*	*				
Manchester.....	p	5-6	oc	s	7-8	ml	dm	Mass		*	*	*	*	*	*	*	*	*				*	*				
Marshall.....	b	8-9	rc	dr	7-9	m	dm	Md		*	*	*	*	*	*	*	*	*				*	*				
Meek <i>Early</i>	b	3-4	rc	dc	5-6	ec	m				*	*	*	*	*	*	*	*				*	*				

SUBSECTION 3.—FILBERTS AND HAZELNUTS. (*CORYLUS AVELLANA*.)

[**KEY.**—Size: Scale, 1 to 10; 1, very small; 10, very large. Form: ob, oblong; ov, oval; r, round. Quality: g, good. Abbreviation of name of place of origin: Eur., Europe.

Name.	Description.				Districts and starring.																		
	Size.	Form.	Quality.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Du Chilly	7-8	ob	8-9	Eur...	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	...
Jones	5-6	ob	6-7	Del...	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
Purple Leaf	6-7	ob	6-7	Eur...	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...

SUBSECTION 4.—PECANS. (*HICORIA PECAN*.)

[**KEY.**—Size: Scale 1 to 10; 1, very small; 10, very large. Form: c, conical; l, long; ob, oblong; ov, oval; r, round. Quality: g, good; v, very.]

Name.	Description.				Districts and starring.																		
	Size.	Form.	Quality.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Centennial	9-10	ob	7-8	La...	.....	.....	.....	.....	.....	*	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbian	8-9	ob	8-9	La...	.....	.....	.....	.....	**	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frotscher <i>Egg Shell</i>	8-9	ob	8-9	La...	.....	.....	.....	.....	*	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jewett	9-10	ov	7-8	Miss...	.....	.....	.....	.....	.....	*	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Russell	8-9	ob	8-9	Miss...	.....	.....	.....	.....	**	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Saba	5-6	ov	9-10	Tex...	.....	.....	.....	.....	.....	*	*	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....
Stuart	8-9	rob	8-9	Miss...	.....	.....	.....	.....	**	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Van Deman	8-9	ob	8-9	Miss...	.....	.....	.....	.....	**	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SUBSECTION 5.—PERSIAN, ENGLISH, OR EUROPEAN WALNUTS. (*JUGLANS REGIA*.)

[KEY.—Size: Scale 1 to 10; 1, very small; 10, very large. Form: l, long; ob, oblong; ov, ovate; r, round. Quality: g, good; v, very. Abbreviation of name of place of origin: Fr., France.]

Name.	Description.				Districts and starring.																		
	Size.	Form.	Quality.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Ford <i>Soft Shell</i>	8-9	lov	6-7	Cal ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	*	..
Franquette	8-9	lov	8-9	Fr. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....	.....
Mayette	7-8	lov	8-9	Fr. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....	.....
Mission (<i>Los Angeles</i>)	6-7	rov	6-7	Cal ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parisienne.....	8-9	rob	8-9	Fr.	*	*
Præparturiens	5-6	ov	7-8	Fr.	**	*	*

Division II.—SUBTROPICAL AND TROPICAL FRUITS.

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Section 1.—CITROUS FRUITS.

SUBSECTION 1.—BITTER ORANGES. (*CITRUS BIGARADIA*.)

[KEY.—Size, scale 1 to 10: 1, very small; 10, very large. Form: o, oblate; ob, oblong; ov, oval; r, round. Color: d, dark; l, light; o, orange; y, yellow. Quality, scale 1 to 10: 1, very poor; 10, best. Season: e, early; l, late; m, medium; v, very. Use: d, dessert; k, kitchen; m, market. Abbreviations of names of places of origin: Am., America; Baha., Bahamas; Braz., Brazil; For., Foreign; Jap., Japan; Port., Portugal.]

[illegible]

SUBSECTION 2.—CITRONS. (*C. MEDICA*.)

[illegible]

SUBTROPICAL AND TROPICAL FRUITS

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[illegible]

Section 2.—FIGS. (*Ficus carica*.)

[KEY.—Size: 2-4, small; 4-7, medium; 7-9, large. Color: a, amber; b, black; bl, blue; br, brown; g, green; p, purple; r, red; v, violet; w, white; y, yellow. Quality: 1-6, good; 6-10, best. Season: s, summer. Use: c, curing; d, dessert; k, kitchen; n, near market. Abbreviation of name of place of origin: For., Foreign.]

Name.	Description.						Districts and starring.																				
	Size.	Color.		Quality.	Use.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
		Skin.	Flesh.																								
Adriatic, <i>White</i>	7-9	gy	r	4-5	dkc	For	.....	.....	.....	.....	**	*	*	.....	.....	.....	*	.....	.....	.....	.....	.....	*	*	**
Angelique (<i>Jaune Hative</i>).....	4-7	yw	rw	1-6	dkn	For	.....	.....	.....	.....	**	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*
Black Ischia.....	4-7	rb	r	6-10	dkn	For	.....	.....	.....	.....	**	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brown Smyrna.....	.....	.....	.....	8-9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brunswick (<i>Madonna</i>).....	7-9	va	a	1-6	dkn	For	.....	.....	.....	.....	*	**	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....
Celestial (<i>Celeste</i>).....	2-4	rva	a	6-10	dkn	For	.....	.....	.....	.....	*	**	**	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....
Dottato, <i>White</i>	5-6	yg	ya	.....	c	For	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Genoa, <i>Blue</i>	4-7	bl	.....	1-6	dkn	For	.....	.....	.....	.....	.....	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lemon.....	4-7	y	.....	6-10	dkn	.....	.....	.....	.....	.....	.....	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marseillaise, <i>White</i>	4-7	yw	a	1-6	dkc	For	.....	.....	.....	.....	.....	**	*	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....
Mission.....	7	rv	r	9	dc	Spain	.....	.....	.....	.....	.....	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	**	**	**
Monaco Bianco.....	8-9	blg	r	8-9	d	For	.....	.....	.....	.....	.....	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*
Osborn <i>Prolific</i>	7	br	r	7	d	For	.....	.....	.....	.....	.....	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reine Blanche.....	8	.....	.....	9	d	For	.....	.....	.....	.....	.....	**	**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Pedro Black.....	9-10	vb	r	8-9	d	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turkey, <i>Brown</i>	4-7	br	r	6-10	dkn	For	.....	.....	.....	.....	*	*	**	**	.....	.....	.....	.....	.....	.....	.....	.....	*	*	*
White Smyrna.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zimetz.....	7-9	w	.....	4	mk	.....	.....	.....	.....	.....	.....	†	†	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Section 5.—OLIVES. (*Olea europea*.)

[KEY.—Size: Scale, 1 to 10; 1, very small; 10, very large. Form: o, oblique; ob, obovate; ov, oval; r, round. Color: b, black; d, dark; p, purple; v, violet. Abbreviation of name of place of origin: Fr., France.]

Name.	Description.				Districts and starring.																						
	Size.	Form.	Color.	Origin.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
Ascolano.....	5-6	ov	dp	Fr																	*		*				
Columbella.....	8-9	ovob	p	Italy																	*		*				
Macrocarpa.....	7-8	rov	pb	Spain																	*		*				
Manzanillo.....	5-6	ov	pb	Cal																	**		*				
Mission.....	4-5	ovo	db	Spain																		*	*				
Nevadillo <i>Blanco</i>	7-8	oov	dp	Fr																			*				
Oblonga.....	6-7	ov		Fr																			*				
Pendulina.....		rov	pb	Fr																			*				
Regalis.....	4-5	ovo	b	Fr.?																	*	*	*				
Rubra.....	6-7																				*		*				
Santa Catarina.....	9-10	oob	p	Spain																			*				
Sevillano.....	4-5	ov	dp	Fr																	*		*				
U varia.....																											

Division III.—NATIVE AND INTRODUCED FRUITS AND NUTS GROWN IN THE OPEN AIR.

This division includes such species of native and introduced fruits and nuts grown under cultivation in the open air in the United States and Canada as are not included in Divisions I and II.

Section 1.—FRUITS.

Botanical name.	Common name.	Origin.	Districts and starring.																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<i>Achras Sapota</i> , Linn.....	Sapodilla.....	West Indies.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Adansonia digitata</i> , Linn.....	Baobab, Monkey Bread, Sour Bread.....	Africa.....	.....	.....	.....	.....	.....	ts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Aegle marmelos</i> , Correa.....	Bengal Quince.....	India.....	.....	.....	.....	.....	.....	ts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Akebia quinata</i> , Decaisne.....	.....	Japan.....	.....	†	*	.....	.....	—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Amelanchier alnifolia</i> , Nutt.....	Western Dwarf Juneberry.....	Native.....	.....	.....	.....	**	**	.....	.....	.....	.....	.....	.....	.....	*	**	*	.....	.....	.....	.....
<i>Botryapium</i> , D. C.....	Dwarf Juneberry.....	Native.....	.....	*	*	*	*	.....	*	*	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Canadensis</i> , T. and G.....	Serviceberry, Shadberry, Juneberry.....	Native.....	*	*	*	*	*	*	.....	.....	.....	*	*	*	.....	.....	.....	.....	.....	.....	.....
<i>Anona cherimolia</i> , Mill.....	Cherimoya, Cherimolia, Jamaica Apple.....	S. America.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	*
<i>glabra</i> , Linn.....	Pond Apple.....	Florida.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>muricata</i> , Linn.....	Soursop.....	West Indies.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>reticulata</i> , Linn.....	Custard Apple, Bullock's Heart.....	Trop. America.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>squamosa</i> , Linn.....	Sugar Apple, Sweetsop.....	West Indies.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Antidesma Bunius</i> , Spreng.....	.....	Malaysia.....	.....	.....	.....	.....	.....	ts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Arbutus unedo</i> , Linn.....	Strawberry Tree.....	Europe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....
<i>Artocarpus incisa</i> , Linn.....	Breadfruit.....	Polynesia.....	.....	.....	.....	.....	.....	ts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>integrifolia</i> , Linn.....	Jackfruit, Jaca.....	India.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Asimina grandiflora</i> , Dunal.....	Papaw.....	Native.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>triloba</i> , Dunal.....	Papaw, Pawpaw.....	Native.....	.....	*	*	**	.....	.....	*	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Atalantia trimera</i> , Oliv.....	Limeberry.....	East India.....	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Averrhoa Bilimbi</i> , Linn.....	Bilimbi.....	Ins. India.....	.....	.....	.....	.....	.....	ts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Carambola</i> , Linn.....	Carambola.....	India.....	.....	.....	.....	.....	.....	ts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Berberis Aquifolium</i> , Pursh.....	.....	Native.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>trifoliolata</i> , Moric.....	Aljarita.....	Texas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	*	.....
<i>vulgaris</i> , Linn.....	Barberry, Berberry.....	Europe.....	**	*	*	*	*	.....	*	*	*	*	*	.....	.....	.....	.....	.....	.....	.....	.....
<i>Blighia Sapida</i> , Kon.....	Akee.....	West Indies.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Carica Papaya</i> , Linn.....	Papaw, Melon Papaw.....	Trop. America.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Carissa Arduina</i> , Lam.....	Amatungula.....	Africa.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Carandas</i> , Linn.....	Caranda, Christ Thorn.....	India.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Casimiroa edulis</i> , Le Clare.....	White Sapota, Zapote Blanco.....	Mexico.....	.....	.....	.....	.....	.....	ts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	*
<i>Ceratonía Siliqua</i> , Linn.....	Carob, Karoub, Algaroba, St. John's Bread.....	Asia, Africa.....	.....	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*	*
<i>Cereus triangularis</i> , Mill.....	Strawberry Pear.....	Trop. America.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Chrysobalanus Icaco</i> , Linn.....	Cocoa Plum.....	Florida.....	.....	.....	.....	.....	.....	*s	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Botanical name.	Common name,	Origin.	Districts and starring.																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chrysophyllum Cainito, Linn.....	Star Apple.....	West Indies.....						*s													
Citrus bergamium, Risso.....	Bergamot Orange.....	Asia.....						*													
trifoliata, Linn.....	Trifoliolate Orange, Hardy Orange.....	Japan.....		*	*	†	*	**	**	—			*	*	*						
Coccoloba uvifera, Linn.....	Sea Grape, Shore Grape.....	Europe, Asia.....						*s													
Cornus Mas, Linn.....	Carnelian Cherry.....	Europe, Asia.....		*	*				*												
Crataegus coccinea, Linn.....	Haw, Thornapple.....	Native.....	**	*	*	*			*	*	*										
var. mollis, T. and G.....	Haw.....	Texas.....		*	*			*	*	*						*					
Cydonia sinensis, Thouin.....	Chinese Quince.....	China.....			*	*	**	**	*	*											
Cyphomandra betacea, Sendt.....	Tree Tomato.....	Trop. America.....						*s													
Diospyros texana, Scheele.....	Black Persimmon.....	Native.....		*	*	*	*	*	*	*	*		*								
virginiana, Linn.....	Persimmon.....	Native.....		*	*	*	*	*	*	*	*										
Elaeagnus multiflora, Thunb.....	Goumi.....	Japan.....		*	*	*	*	*	*	*	*										
umbellata, Thunb.....	.....	Asia.....			*																
Eriobotrya japonica, Lindl.....	Loquat, Japanese Medlar.....	Japan.....						**											*	*	
Erythea edulis, S. Watson.....	.....	Guad. Island.....																	*	*	
Eugenia brasiliensis, Lam.....	Brazil Cherry.....	S. America.....						is													
jambos, Linn.....	Rose Apple.....	E. Indies.....						*s											*		
uniflora, Linn.....	Surinam Cherry.....	S. America.....						*s													
Feronia elephantum, Corr.....	Elephant Apple.....	E. Indies.....						*													
Ficus glomerata, Roxb.....	Cluster Fig.....	India.....						is											†	†	
Fragaria californica, Cham. and Sch.....	California Strawberry.....	California.....															*		*	*	
chiloensis, Duchesne.....	Chile Strawberry.....	S. America.....		†	†	†											*		*	*	
collina, Ehr.....	Green Strawberry, Hill Straw- berry.....	Europe.....		*	*	*	*														
elatior, Ehr.....	Hautbois Strawberry.....	Europe.....		*	*	*	*	*		*											
vesca, Linn.....	English Wild Strawberry, Alpine.....	Europe, native (?).....		*	*	*								*	*						
virginiana, Duchesne.....	Wild Strawberry.....	Native.....		*	**	*	*	*		*	*	*		*							
virginiana var illinoensis, Gray.....	Western Wild Strawberry.....	Native.....			*	*	*														
Garcinia mangostana, Linn.....	Mangosteen.....	Java.....						is													
Glycosmis citrifolia, Lindl.....	.....	China.....						*s													
Garuga pinnata, Roxb.....	.....	E. Indies.....						*s													
Hibiscus sabdariffa, Linn.....	Jamaica Sorrel, Rosella.....	E. Indies.....						*													
Hovenia dulcis, Thunb.....	.....	Japan.....			†														†	†	
Lucuma mammosa, Gaert.....	Mammee Sapota.....	.....						*s													
rivicoa var. angustifolia, Gaert.....	Egg Fruit, Tiess, Canistel.....	.....						*s													
Mammecia americana, Linn.....	Mammee Apple.....	Jamaica.....						*s													
Mangifera indica, Linn.....	Mango.....	India.....						*s													
Melicocca bijuga, Linn.....	Ginep, Spanish Lime.....	Trop. America.....						*s													
Monstera deliciosa, Liebm.....	Ceriman.....	Mexico.....						*s											*	*	
Morus celtidifolia, H. B. and K.....	Mexican Mulberry.....	Texas.....						*	*				*					*	*		
japonica, Aud.....	Japanese Mulberry.....	Japan.....						*		*	*										
nigra, Linn.....	Black Mulberry.....	Asia.....		—	*	*	*		*	*	*										

<i>Musa chinensis</i> Sweet, syn. <i>M. Cavendishii</i> , Lambert.	Dwarf Banana, Chinese Banana.	China
<i>corniculata</i> , Lour.	Lubang	Ins. India
<i>paradisica</i> , Linn.	Plantain	India
<i>sapientum</i> , Linn.	Banana, Horse Banana	India
<i>Myrica</i> Nagi Thunb. syn. <i>M. rubra</i> , Sieb. and Zucc.		Asia
<i>Nephelium</i> Lit-chi, Cambess.	Litchi, Lee Chee	China
<i>Nuttalia cerasiformis</i> , T. and G.	Oso Berry	California
<i>Opuntia Ficus-Indica</i> , Mill.	Indian Fig	Trop. America
<i>Tuna</i> , Miller.	Prickly Pear	W. Indies
<i>vulgaris</i> , Miller.	Prickly Pear	Native.
<i>Passiflora edulis</i> , Sims	Granadilla	S. America
<i>incarnata</i> , Linn.	May Apple, May pop	Native.
<i>laurifolia</i> , Linn.	Water Lemon	W. Indies
<i>ligularis</i> , Juss.		Trop. America
<i>maliformis</i> , Linn.	Sweet Cup, Calabash	W. Indies
<i>quadrangularis</i> , Linn.	Granadilla	Brazil
<i>Pereskia aculeata</i> , Miller	Barbados Gooseberry	W. Indies
<i>Pearsea gratissima</i> , Gaert.	Aguacate, Avocado, Alligator Pear.	Mexico
<i>Phoenix dactylifera</i> , Linn.	Date Palm	Africa
<i>Phyllanthus distichus</i> , Muell.	Otaheite Gooseberry	Ins. India
<i>emblica</i> , Linn.	Myrobalan	E. Indies
<i>Physalis Alkekengi</i> , Linn.	Strawberry Tomato, Winter Cherry.	Persia
<i>peruviana</i> , Linn.	Cape Gooseberry	S. America
<i>Prunus Besseyi</i> , Bailey	Western Dwarf Cherry	Native.
<i>Capollin</i> , Zucc.	Capullin, Cupullino	Mexico
<i>dasycarpa</i> , Ehrh.	Purple Apricot, Black Apricot.	Asia
<i>demissa</i> , Walp.	California Wild Cherry	California
<i>emarginata</i> , Walp.		California
<i>ilicifolia</i> , Walp.	Islay	California
<i>Mahaleb</i> , Linn.	Mahaleb Cherry	Eur., Asia.
<i>maritima</i> , Wang.	Beach Plum	Native.
<i>Mume</i> . Lieb. and Zucc.	Chinese, or Japanese Apricot.	Asia.
<i>pennsylvanica</i> , Linn.	Pin Cherry, Bird Cherry	Native.
<i>padus</i> , Linn.	European Bird Cherry	Europe
<i>paniculata</i> , Thunb.	Sakura	Japan
<i>subcordata</i> , Benth.	Wild Plum of California	California
<i>tomentosa</i> , Thunb.		China
<i>virginiana</i> , Linn.	Choke Cherry	Native.
<i>Watsoni</i> , Sargent.	Sand Plum	Native.
<i>Pyrus angustifolia</i> , Ait.	Southern Crabapple	Native.
<i>coronaria</i> , Linn.	Native Crabapple	Native.
<i>germanica</i> , J. Hooker	Medlar	Eur., Asia
<i>icensis</i> , Bailey	Prairie Crab	Native.
<i>japonica</i> , Thunb.	Japanese Quince	Japan
<i>rivularis</i> , Dougl.	Oregon Crab	Native.
<i>salicifolia</i> , Linn.		Asia.
<i>sieboldi</i> , Regel.		Japan

Section 1.—FRUITS—Continued.

Botanical name.	Common name.	Origin.	Districts and starring.																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<i>Pyrus Sorbus</i> , Gaert.	Service Tree	Eur., Afr.			*			*													
<i>Rhodomyrtus tomentosa</i> , Wight	Downy Myrtle	China.						*													
<i>Ribes Cynosbati</i> , Linn.	Native	Native	*	*		*				*	*										
<i>americanum</i> , Mill.	Native Black Currant	Native	*	*		*				*	*										
<i>Rubus crataegifolius</i> , Bunge	Siberian Raspberry	Asia	*							*								*	*		
<i>cuneifolius</i> , Pursh	Sand Blackberry				†																
<i>deliciosus</i> , Torr.	Native	Native													*	*					
<i>ellipticus</i> , Smith	Raspberry	India						*													
<i>invisus</i> , Bailey	Dewberry	Native								*	*										
<i>microphyllus</i> , Linn, syn. <i>R. palmatus</i> , Thunb.	Japan	Japan																*			
<i>Nutkanus</i> , Mocino	Cloudberry	Native															*	*			
<i>phoenicolasius</i> , Maxim.	Japanese Raspberry, Wineberry.	Japan		*	*	*															
<i>rosæfolius</i> , Sm., Syn. <i>R. sorbifolius</i>	Strawberry Raspberry	Asia		—	†	—		**	**												
<i>trivialis</i> , Mich.	Southern Dewberry	Native		*				**	**				*								
<i>vitifolius</i> , Cham. and Schlect	Western Dewberry	Native	*	*	*	*				*	*										
<i>Sambucus canadensis</i> , Linn.	Elderberry	Native	*	*	*	*		*	*	*	*										
<i>Shepherdia argentea</i> , Nutt.	Buffalo Berry	Native	**	*	*	*				*	*	*					*				
<i>Solanum muricatum</i> , Ait.	Pepino	S. America.																	*	*	
<i>Tamarindus Indica</i> , Linn.	Tamarind	Africa						*	*												
<i>Triphasia Auranitiola</i> , Lour.	Limeberry	China.						*	*												
<i>Vaccinium corymbosum</i> , Linn	Swamp Blueberry, Highbush Huckleberry.	Native	*	*	*	*			*	*	*	*									
<i>macrocarpon</i> , Ait.	American Cranberry	Native	*	*	*	†				*	*										
<i>pennsylvanicum</i> , Lam	Blueberry	Native	**	**	*					*	*	*									
<i>Vangueria madagascarensis</i> , J. F. Gmel.	Voa-vanga	Madagascar	**	*	*	—	—	*		*	*										
<i>Viburnum Opulus</i> , Linn	Highbush Cranberry	Native	*	*	*	—	—			*	*										
<i>Vitis arizonica</i> , Engelm	Arizona	Arizona							*				*						*	*	*
<i>Berlandieri</i> , Planch	Texas	Texas							*				*						*	*	*
<i>californica</i> , Benth	California	California							*				*						*	*	*
<i>candicans</i> , Engelm	Mustang Grape of Texas	Texas							*				*						*	*	*
<i>cinerea</i> , Engelm	Sweet Winter Grape	Native				*			*				*						*	*	*
<i>cordifolia</i> , Lam.	Winter Grape, Frost Grape	Native				*			*				*						*	*	*
<i>Champini</i> , Planch	Texas	Texas		—	*	—	—		*	*	*		*	*					*	*	*
<i>Doaniana</i> , Muns	Doan's Grape	Native							*	*	*		*	*					*	*	*
<i>monticola</i> , Buck	Sweet Mountain Grape	Texas							*	*	*		*	*					*	*	*
<i>rupestris</i> , Scheele	Sand Grape	Native							*	*	*		*	*					*	*	*
<i>Ximenia americana</i> , Linn.	"Alvarillo del Campo"	Mexico						*	*	*	*		*	*					*	*	*
<i>Zizyphus jujuba</i> , Lamarck	Jujube	India						*	*	*	*		*	*					*	*	*
<i>sativa</i> , Gaert.	Jujube of Southern Eur.	Asia			*		*	*	*	*	*		*	*					*	*	*

SECTION 2.—NUTS.

Botanical name.	Common name.	Origin.	Districts and starring.																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<i>Aleurites triloba</i> , Forst.	Candlenut	Asia						*s												*	*
<i>Anacardium occidentale</i> , Linn.	Cashew Nut	India						*s												*	*
<i>Castanea nana</i> , Muhl.	Dwarf Chinquapin	Native					*	*	*												
<i>Castanea pumila</i> , Mill.	Chinquapin, Chinkapin, Chincapin.	Native			*	*		**	**	*											
<i>Calodendrum capensis</i> , Thunb.	Cape Chestnut	S. Africa						†											†	†	
<i>Castanopsis chrysophylla</i> , A. De C.	Western Chinkapin	Native						†										*	*	*	*
<i>Castanospermum australe</i> , Cunn.	Moreton Bay Chestnut	Australia																		*	*
<i>Cocos nucifera</i> , Linn.	Cocoanut	E. Indies						*s													
<i>Cola acuminata</i> , Schott and Endlich	Kola, Bissy, Goora	Africa						ts													
<i>Corylus americana</i> , Walt	American Hazel	Native	**	*	*	*			*	*	**							*			
<i>californica</i> , Rose	California Hazel	Native								*									*		
<i>rostrata</i> , Ait	Beaked Hazel	Native	*	*	*	*				*										*	*
<i>Gevuina avellana</i> , Molina	Chilean Nut	Chile																		*	*
<i>Ginkgo biloba</i> , Linn.	Ginkgo, Maidenhair Tree, Pa-koo.	Asia		*	*	*				*											
<i>Hicoria glabra</i> , Britt.	Pignut	Native		*		*		*													
<i>laciniosa</i> , Sarg	Shellbark, Big Shellbark	Native		*	*	*			*	*											
<i>ovata</i> , Britt.	Shagbark, Little Shellbark	Native	*	**	*	*		†		*	*									*	*
<i>Jubæa spectabilis</i> , Humb.	Coquito, Small Cocoanut	Chile						†												*	*
<i>Juglans californica</i> , Wats.	California Black Walnut	California																*	*		
<i>cinerea</i> , Linn.	Butternut, White Walnut, Oilnut.	Native	**	**	*	*				*	*										
<i>cordiformis</i> , Maxim.	Japanese Walnut	Japan		†	*	*	*	*	*	*								*			
<i>mandshurica</i> , Maxim.	Japanese Walnut	Asia		*	*	*	*		*	*	*							*			
<i>nigra</i> , Linn.	Black Walnut	Native		**	*	**	*		*	**	*									*	*
<i>rupestris</i>	Mexican Walnut	Mexico											*							*	*
<i>Steboldiana</i> , Maxim.	Japanese Walnut	Japan		†										*					*	*	*
<i>Macadamia ternifolia</i> , F. V. Muell.	Queensland Nut	Australia						*											*	*	*
<i>Pistacia Terebinthus</i> , Linn.	Turpentine Tree	Europe, Afr., Asia						†											†	†	†
<i>vera</i> , Linn.	Pistachio	Syria						†											†	†	†
<i>Sapium sebiferum</i> , Roxb.	Tallow Nut	China						†													
<i>Terminalia Catappa</i> , Linn.	Tropical Almond	E. Indies						*s												†	†
<i>Torreya nucifera</i> , Lieb. and Zucc.		Japan																		†	†

THE SOCIETY'S RULES FOR EXHIBITING AND NAMING FRUITS.

The rules of the American Pomological Society for exhibiting and naming fruits are as follows:

SECTION I.**NAMING AND DESCRIBING NEW FRUITS.**

Rule 1.—The originator or introducer (in the order named) has the prior right to bestow a name upon a new or unnamed fruit.

Rule 2.—The society reserves the right, in case of long, inappropriate, or otherwise objectionable names, to shorten, modify, or wholly change the same, when they shall occur in its discussions or reports; and also to recommend such changes for general adoption.

Rule 3.—The name of a fruit should preferably express, as far as practicable by a single word, a characteristic of the variety, the name of the originator, or the place of its origin. Under no ordinary circumstances should more than a single word be employed.

Rule 4.—Should the question of priority arise between different names for the same variety of fruit, other circumstances being equal, the name first publicly bestowed will be given precedence.

Rule 5.—To entitle a new fruit to the award or commendation of the society it must possess (at least for the locality for which it is recommended) some valuable or desirable quality, or combination of qualities, in a higher degree than any previously known variety of its class and season.

Rule 6.—A variety of fruit having been once exhibited, examined, and reported upon as a new fruit by a committee of the society will not thereafter be recognized as such, so far as subsequent reports are concerned.

SECTION II.**COMPETITIVE EXHIBITS OF FRUITS.**

Rule 1.—A plate of fruit must contain six specimens, no more, no less, except in the case of single varieties not included in collections.

Rule 2.—To insure examination by the proper committees all fruits must be correctly and distinctly labeled and placed upon the tables during the first day of the exhibition.

Rule 3.—The duplication of varieties in a collection will not be permitted.

Rule 4.—In all cases of fruits intended to be examined and reported by committees the name of the exhibitor, together with a complete list of the varieties exhibited by him, must be delivered to the secretary of the society on or before the first day of the exhibition.

Rule 5.—The exhibitor will receive from the secretary an entry card, which must be placed with the exhibit, when arranged for exhibition, for the guidance of committees.

Rule 6.—All articles placed upon the tables for exhibition must remain in charge of the society till the close of the exhibition, to be removed sooner only upon express permission of the person or persons in charge.

Rule 7.—Fruits or other articles intended for testing, or to be given away to visitors, spectators, or others, will be assigned a separate hall, room, or tent, in which they may be dispensed, at the pleasure of the exhibitor, who will not, however, be permitted to sell and deliver articles therein, nor to call attention to them in a boisterous or disorderly manner.

SECTION III.

COMMITTEE ON NOMENCLATURE.

Rule 1.—It shall be the duty of the president, at the first session of the society, on the first day of an exhibition of fruits, to appoint a committee of five expert pomologists whose duty it shall be to supervise the nomenclature of the fruits on exhibition, and in case of error to correct the same.

Rule 2.—In making the necessary corrections they shall, for the convenience of the examining and awarding committees, do the same at as early a period as practicable, and in making such corrections they shall use cards readily distinguishable from those used as labels by exhibitors, appending a mark of doubtfulness in case of uncertainty.

SECTION IV.

EXAMINING AND AWARDING COMMITTEES.

Rule 1.—In estimating the comparative values of collections of fruits committees are instructed to base such estimates strictly upon the varieties in such collections which shall have been correctly named by the exhibitor prior to action thereon by the committee on nomenclature.

Rule 2.—In instituting such comparison of values committees are instructed to consider: First, the values of the varieties for the purposes to which they may be adapted; second, the color, size, and evenness of the specimens; third, their freedom from the marks of insects, and other blemishes; fourth, the apparent carefulness in handling, and the taste displayed in the arrangement of the exhibit.

